

# FILE NOTATIONS

Entered in NID File \_\_\_\_\_  
 Entered On S R Sheet 7 ✓  
 Location Map Pinned \_\_\_\_\_  
 Card Indexed \_\_\_\_\_  
 I W R for State or Fee Land \_\_\_\_\_

Checked by Chief PMB  
 Copy NID to Field Office ✓  
 Approval Letter \_\_\_\_\_  
 Disapproval Letter \_\_\_\_\_

## COMPLETION DATA:

Date Well Completed 6-16-63

Location Inspected \_\_\_\_\_

~~GW~~ ~~WAW~~ ~~TA~~  
~~GW~~ ~~CS~~ ~~PA~~

Bond released \_\_\_\_\_  
 State of Fee Land \_\_\_\_\_

*Water Injection Well*

LOGS FILED

Driller's Log 8-15-63

Electric Logs (No. ) 1

E \_\_\_\_\_ I \_\_\_\_\_ E-I ✓ GR \_\_\_\_\_ GR-N \_\_\_\_\_ Micro ✓

Lat \_\_\_\_\_ Mi-L \_\_\_\_\_ Sonic \_\_\_\_\_ Others Cement Bond log

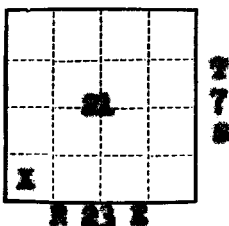
Perforating Depth Control

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.  
Form Approved.

Land Office Salt Lake City  
Lease No. U-0911  
Unit Red Wash



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Verona, Utah December 4, 19 62

Well No. 102 is located 620 ft. from NE line and 620 ft. from EW line of sec. 21

SW 1/4 SW 1/4 21 78 23E SLM  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Red Wash Utah Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the land surface above sea level is 5286 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

It is proposed to drill a test well for oil or gas to be completed in the lower Green River formation.

10-1/4" casing to be cemented at  $\pm$  220'.

7" casing to be cemented below lowermost productive interval with sufficient cement to reach 4000'.

Top Green River - 200'  
"X" Point - 400'  
"X" Point - 5496'

Subject well is a substitution in our Second Half 1962 Plan of Development  
Verona approval received 12-2-62 - Tel. con. FMS - Joe Harstead.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company California Oil Company, Western Division

Address P. O. Box 455

Verona, Utah

By R. V. PATTERSON

Title Field Superintendent

UNGS, SEC-1; CAGCC, SEC-1; Gulf, Denver-1; Calkins-1; SEC-1; File-1

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 42-R356.5  
Approval expires 12-31-60.  
**Salt Lake City**

LAND OFFICE \_\_\_\_\_  
LEASE NUMBER \_\_\_\_\_  
UNIT \_\_\_\_\_

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## LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Red Wash

The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 19 62,

Agent's address P. O. Box 455 Company California Oil Co., Western Div.

Vernal, Utah

Signed Original Signed by R. W. PATTERSON

Phone 769-2442

Agent's title Field Superintendent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<p>(182)</p> <p>water. Pressures: IN 2418, I SI 1920, IF 201, FF 618, PSI 1820, FH 2418. Cemented 7" casing at 5789' with 75 sacks and 325' sacks through DV collar at 5340'. Landed tubing at 5679'. Released rig at 10:00 P.M. 12-24-62.</p> <p>30 SW NE 1/4 78 23R12-30B (186)</p> <p><u>Present Conditions</u> Depth: 2830' Casing: 10-3/4", 40.5#, J-55 cmtd at 231' with 175 sacks</p> <p><u>Operations Conducted</u> Moved in Kerr-McGee Drilling Inc., Rig #23. Spudded at 1:30 A.M. 12-29-62. Drilled 15" hole 238'. Cmtd 10-3/4" casing at 231' with 175 sacks regular cement. Drilling 9" hole at 2830'.</p>										

NOTE.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold;

\_\_\_\_\_ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City  
LEASE NUMBER  
UNIT Red Wash

Page Five

# LESSEE'S MONTHLY REPORT OF OPERATIONS

State **Utah** County **Uintah** Field **Red Wash**

The following is a correct report of operations and production (including drilling and producing wells) for the month of **December**, 19 **62**

Agent's address **P. O. Box 455**

Company **California Oil Co., Western Div.**

**Vernal, Utah**

Signed **Original Signed W. PATTERSON**

**769-2442**

Agent's **R. W. PATTERSON Superintendent**

Phone

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (in thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (if none, so state)	REMARKS (to drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
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**NE NE 14 7S 23E 41-14B (185)**

## Present Conditions

Depth: **5660'**

Casing: **10-3/4", J-55, 40.5#, cmt'd at 233' (175 sacks)**

FBTD: **5620'**

## Operations Conducted

Moved in Signal Drilling & Exploration, Inc. Spudded at 7:00 P.M. 12-15-62. Drilled 15" hole to 240'. Cemented 10-3/4" casing at 233' with 175 sacks regular cement. Drld 9" hole to 5660'. Ran Schlumberger IES & Micro logs. Ran DST #1, 2, 3A, 4 and 3B as detailed: DST #1 (5580-5600) 60 min test. NPTS. Rec 50' water. Pressures: IH 2840, ISI 2112, IF 27, FF 40, PSI 1860, PH 2840. DST #2 (5398-5422) 60 min test. NPTS. Rec 1095' water. Pressures: IH 2775, ISI 2020, IF 150, FF 555, PSI 1910, PH 2775. DST #3A (5260-5288) Misrun. DST #4 (4836-4880) 45 min test. NPTS. Rec 440' oil, 265' water. Pressures: IH 2480, ISI 1500, IF 162, FF 261, PSI 1410, PH 2480. DST #3A (5267-5292) Misrun.

**SW SW 21 7S 23E 14-21B (182)**

## Present Conditions

Depth: **5780'**

Casing: **10-3/4", 40.5#, J-55 cmt'd at 230' with 180 sacks.**

FBTD: **5745'**

## Operations Conducted

Moved in Kerr-McGee Drilling Inc. rig #23. Spudded at 12:00 noon, 12-3-62. Drilled 15" hole to 235'. Cemented 10-3/4" casing at 230' with 180 sacks regular cement. Drld 9" hole to 5583'. Cut Core #1 (5583-5671) Cut and recovered 88'. Core #2 (5671-5729') Cut and recovered 88'. Ran Schlumberger IES and Micro logs. Ran DST #1, 2 & 3 as detailed: DST #1 (5663-5679) 60 min test. NPTS. Rec. 60' mud and 365' water. Pressures: IH 2652, ISI 2020, IF 62, FF 189, PSI 1860, PH 2652. DST #2 (5283-5299) 60 min. NPTS. Rec 30' oil, 548' water. Pressures: IH 2560, ISI 1775, IF 75, FF 300, PSI 1665, PH 2560. DST #3 (5240-5256) 60 min test. NPTS. Rec 2' oil, 120' water. Pressures: IH 2508, ISI 1909, IF 20, FF 70, PSI 1675, PH 2508. DST #4 (5161-5181) 45 min test. NPTS. Rec 45' mud, 1367'

NOTE.—There were runs or sales of oil; M cu. ft. of gas sold;

runs or sales of gasoline during the month. (Write "no" where applicable.)  
NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 42-R356.5  
Approval expires 12-31-60.

LAND OFFICE  
LEASE NUMBER  
UNIT

Salt Lake City

Red Wash

# LESSEE'S MONTHLY REPORT OF OPERATIONS

State **Utah** County **Uintah** Field **Red Wash**

The following is a correct report of operations and production (including drilling and producing wells) for the month of **January**, 19**63**.

Agent's address **P. O. Box 455** Company **California Oil Co., Western Div.**

**Vernal, Utah**

Signed

**R. W. PATTERSON**

Phone **789-2442**

Agent's title

**Field Superintendent**

WELL NO.	DATE	WELL DEPTH	WELL TYPE	WELL STATUS	WELL LOCATION	WELL GRAVITY	WELL CEMENT	WELL GAS	WELL OIL	WELL WATER	WELL REMARKS
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moth balls and .05#/gal Adomite. Avg rate 33.5 BPM with 2350 psi, ISI 1750 psi. Abrasijetted 3 - 60° slots at 4876, 4868, 4848 and 4841'. Sand-oil fraced slots 4876, 4868, 4848 and 4841' down 7" casing with 20,000 gal #5 BP containing 24,000# 20-40 sand, 500# LT Moth balls and .05#/gal Adomite. Avg rate 39.7 BPM with 2100 psi, ISI 1600 psi. Set MG BP at 4385'. Perforated at 4370' with McCullough 4 way squeeze jet. Set Mg retainer at 4355'. Excluded perfs with 200 sacks reg cement at 2 stages. Drilled out BP at 4355'. Drilled out hard cement to 4365'.

SW SE 21' 7S 23E 186 (14-21B)

## Present Condition

Depth: 5790'

PMTD: 5745'

Casing: 10-3/4", 40.5#, J55, cmtd at 230' with 180 sacks.

7", 23#, J 55 cmtd at 5789 and 5340' with 400 sacks.

## Operations Conducted

None

SW NE 30 7S 23E 186 (12-30B)

## Present Conditions

Depth: 5839'

Casing: 10-3/4", 40.5#, J55, cmtd at 231' with 175 sacks.

## Operations Conducted

Drilled 9" hole to 5839'. Run Schlumberger IES and Micro logs. Run DST #1 - 5218-5234' - 60 min test. NPTS. Rec 170' water. Pressures: IN 2675, INIP 1911, IF 64, FF 128, PSI 1657, FH 2675. DST #2 - 5179-5211' - 60 min test. NPTS. Rec 725' water. Pressures: IN 2603, INI 1847, IF 85, FF 319, PSI 1720, FH 2603. DST #3 - 5138-5170' - 60 min test. NPTS. Rec 1' oil, 211' mud, 90' water. Pressures: IN 2632, INI 1869, IF 149, FF 149, PSI 1508, FH 2632. DST #4 - 5051-5083' - 60 min test. NPTS. Rec 720' water. Pressures: IN 2611, INI 1847, IF 128, FF 340, PSI 1720, FH 2611. DST #5 (5803-5843') 60 min test.

NOTE.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold;

\_\_\_\_\_ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 42-R356.5  
Approval expires 12-31-60.

LAND OFFICE **Salt Lake City**  
LEASE NUMBER  
UNIT **Red Wash**

# LESSEE'S MONTHLY REPORT OF OPERATIONS

State **Utah** County **Uintah** Field **Red Wash**

The following is a correct report of operations and production (including drilling and producing wells) for the month of **February 1963**

Agent's address **P. O. Box 455  
Vernal, Utah  
789-2442**

Company **California Oil Co., Western Div.**  
Signed **R. W. PATTERSON**  
Agent's title **Field Superintendent**

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (in thousands)	GALES OF GASOLINE PRODUCED	BARRELS OF WATER (If none, so state)	REMARKS
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## DRILLING OPERATIONS

**NE NE 14 78 23E 185 (41-14B)**

### Present Conditions

Depth: **5660'**

Casing: **10-3/4", J-55, 40.5# cmtd at 234' (175 sacks)** **PSTD: 5620'**  
**7", 23#, J-55 cmtd at 5660' (500 sacks)**

### Operations Conducted

Abrasijetted **3 - 60°** slots at **4351'**. Broke down slots with **250 gal acid**.  
Abrasijetted **3 - 60°** slots at **4343, 4335'**. Sand-oil fraced slots **4351, 4343 and 4335'** down **7" casing** with **15,000 gal BF #5/RC** containing **18,000# 20-40 sand and .05#/gal Adomite**. Avg rate **37 BPM** with **2150 psi**. Drilled out **NE BF** at **4385'**. Ran production tubing, pump and rods. Released rig **2-3-63**.

**SW SW 21 78 23E 182 (14-21B)**

### Present Conditions

Depth: **5790'**

Casing: **10-3/4", 40.5#, J855 cmtd at 230' (180 sacks)** **PSTD: 5745'**  
**7", 23#, J855 cmtd at 5789 and 5340' with 400 sacks**

### Operations Conducted:

None.

NOTE.—There were **323,207 bbls**

runs or sales of oil;

**346,383**

M cu. ft. of gas sold;

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329  
January 1960

**USGS, SLC-2; OAGCC, SLC-1; Gulf, Okla. City-2;  
Caulkins-1; RLQ-1; File-1**

16-25768-8-10-60 PRINTING OFFICE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R356.5.  
**Salt Lake City**  
LAND OFFICE  
LEASE NUMBER  
UNIT **Red Wash**

## LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Red Wash  
The following is a correct report of operations and production (including drilling and producing wells) for the month of March, 1963,  
Agent's address P. O. Box 455 Company California Oil Co., Western Div.  
Vernal, Utah Signed W. W. PATTERSON  
Phone 789-2442 Agent's title Field Superintendent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<u>DRILLING OPERATIONS</u>										
SW 21	78	23E	182	(14-21B)						
<u>Present Conditions</u>										
Depth: 5790' PBTD: 5745'										
Casing: 10-3/4", 40.5#, J-55 cmtd at 230' with 180 sacks. 7", 23#, J-55 cmtd at 5789' and 5340' with 400 sacks.										
<u>Operations Conducted</u>										
None.										
SW 20	78	23E	188	(23-20B)						
<u>Present Condition</u>										
Depth: 5700' PBTD: 5654'										
Casing: 10-3/4", 40.5#, J-55 cmtd at 227.60' with 170 sacks 7", 23#, J-55 cmtd @ 5699' with 500 saks.										
<u>Operations Conducted</u>										
Sand-oil fraced slots at 5531 and 5509' down 7" casing with 18,000 gal BF #5/ RC containing 18,000# 20-40 sand, .05#/gal Adomite and 500# L.T. mothballs. Rate decreased from 32 BPM to 0 BPM and pressure increased from 2450 to 3000 psi when moth balls hit. Released pressure on casing 10 times but could not backflush moth balls. Avg rate 25 BPM with 2700 psi until moth balls hit. Calc. treatment to formation - 9,000 gal BF #5/RC, 9000# 20-40 sand and 450# Adomite. Abrasijetted 3 - 60" horizontal slots at 5081'. Sand-oil fraced slots at 5081' down 7" casing with 11,000 gal BF #5/RC containing 12,000# 20-40 sand and .05#/gal Adomite. Avg rate 34 BPM at 2250 psi. Shot 1 - 5 way "super jet" at 5045, 5033, 4958, 4950, 4940 and 4936'. Broke down perf at 5045 with 150 gal MCA acid and perf at 5033 with 350 gal										

NOTE.—There were 347,179 bbls. runs or sales of oil; 400,504 M cu. ft. of gas sold; 498,440 gallons runs or sales of gasoline during the month. (Write "no" where applicable.)  
NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329  
(January 1950)

USGS, SEC-2; OASCC, SEC-1; Gulf, Okla. City-1;  
Gulf, Casper-1; Calkins-1; RLG-1; File-1

16-25766-9 U. S. GOVERNMENT PRINTING OFFICE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 41-2556.5.  
LAND OFFICE  
LEASE NUMBER  
UNIT

# LESSEE'S MONTHLY REPORT OF OPERATIONS

State **Utah** County **Uintah** Field **Red Wash**  
The following is a correct report of operations and production (including drilling and producing wells) for the month of **April** 19 **63**  
Agent's address **P. O. Box 455  
Vernal, Utah  
789-2442** Company **California Oil Co., Western Div.**  
Signed **R. W. PATTERSON**  
Agent's title **Field Superintendent**

SEC. AND 1/4 OF 36	TWP. RANGE	WELL NAME	DATE	REMARKS	DEPTH	GRAVITY	CU. FT. OF GAS (If produced)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth, if shut down, cause, date and result of test for gasoline content of gas)
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## DRILLING OPERATIONS

**SW SW 21 78 23E 182 (14-21B)**

### Present Conditions

Depth: **5750'** **FWID: 5745'**  
Casing: **10-3/4", 40.5#, J-55 cased at 230' with 180 sacks.**  
**7", 23#, J-55 cased at 5769', 5340' with min 400 sacks.**

### Operations Conducted

**None**

**NE NW 14 78 23E 191 (21-14B)**

### Present Conditions

Depth: **5358'** **FWID: 5332'**  
Casing: **10-3/4", 40.5#, J-55 cased at 238' with 170 sacks**  
**7", 23#, J-55 cased at 5368' with 400 sacks**

### Operations Conducted

Moved in R&R rig to complete well. Ran Schlumberger GEL and GCL. Abrasijetted 3 - 60° horizontal slots at 5235', spotted 150 gal MCA and broke down slots at 5235'. Sand-oil fraced slots at 5235' down casing with 12,000 gal HF #5/RC containing 12,000# 20-40 sand and .05#/gal Adomite. Avg rate 36.8 BPM at 2800 psi. Abrasijetted 3 - 60° horizontal slots at 4987, 4971 and 4946'. Broke down slots at 4946' with 150 gal MCA. Abrasijetted 3 - 60° slots at 4934', spotted 150 gal MCA. Sand-oil fraced slots at 4987, 4971, 4946 and 4934' down casing with 2 - 12,000 gal batches HF #5/RC containing 12,000# 20-40 sand and 0.05#/gal Adomite. Avg rate 46.5 BPM at 2400 psi. Abrasijetted 3 - 60° horizontal slots at 4896, 4884 & 4875', broke down slots at 4884' with 150 gal MCA. Sand-oil fraced slots @ 4896, 4884 & 4875' down casing with 2 - 9,000 gal batches HF #5/RC, each containing 9,000# 20-40 sand & .05#/gal Adomite. Avg rate 53 BPM @ 2800 psi. Abrasijetted

NOTE.—There were **361,906** bbls runs or sales of oil; **364,376** M cu. ft. of gas sold;  
**414,535** gallons runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-829 **UBS, M-2; CASEY, M-1; GULF, Gila City-1;**  
(January 1960) **Gulf, Casper-1; Gunkins-1; M-1; File-1**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved  
Budget Bureau No. 42-B356.5

LAND OFFICE

LEASE NUMBER

UNIT

Red Wash

# LESSEE'S MONTHLY REPORT OF OPERATIONS

State **Utah** County **Uintah** Field **Red Wash**

The following is a correct report of operations and production (including drilling and producing wells) for the month of **May**, 19 **63**.

Agent's address **P. O. Box 455**

Company **California Oil Co., Western Div.**

**Vernal, Utah**

Signed

**R. W. PATTERSON**

**789-2442**

Agent's title

**Field Superintendent**

Phone

SEC. AND 1/4 OR 1/2	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (If thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth of shot down, cause, date and result of test for gasoline content of gas)
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## DRILLING OPERATIONS

**SE SE 21 78 23E 182 (14-21B)**

### Present Conditions

Depth: **5790'**

FBTD: **5745'**

Casing: **10-3/4", 40.5#, J-55 cmtd at 230' with 180 sacks**  
**7", 23#, J-55 cmtd at 5789' and 5340' with 400 sacks.**

### Operations Conducted

**None.**

**NE SE 18 78 24E 195 (43-18C)**

### Present Conditions

Depth: **5555'**

FBTD: **5519'**

Casing: **10-3/4", 40.5#, J-55 cmtd at 232.28' with 170 sacks**  
**7", 23#, J-55 cmtd at 5554' with 400 sacks cement.**

### Operations Conducted

Moved in RAB rig to complete well. Ran CBL and GR-CL. Abrasiflotted 3- 60° horizontal slots at 5478' and 5467', spotted 150 gal each at 5478 and 5467'. Bradenhead sand-oil fraced notches at 5478 and 5467' with 2 - 10,000 gal batches of HF #5/EC containing 12,000# 20-40 sand and .05#/gal Adomite. Avg rate 51 BPM at 1900 psi. Abrasiflotted 3 - 60° horizontal slots at 5446', Bradenhead sand-oil fraced slots at 5446' with 12,000 gal HF #5/EC containing 12,000# 20-40 sand and .05#/gal Adomite. Avg rate 44.5 BPM at 2590 psi. Abrasiflotted 3 - 60° horizontal slots at 5423 and 5412', Bradenhead sand-oil fraced slots at 5423 and 5412' with 2 - 10,000 gal batches of HF #5/EC containing 12,000# 20-40 sand and .05#/gal Adomite. Avg rate 49 BPM at 2450 psi. Perforated casing at 4875' with 5 - way radial jet. Squared perforis with 300 sacks regular cement. Ran Schlumberger cement bond log.

NOTE.—There were **351,780 bbls.** runs or sales of oil; **370,246** M cu. ft. of gas sold.  
**410,631 gallons** runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R3565.  
LAND OFFICE **Salt Lake City**  
LEASE NUMBER  
UNIT **Red Wash**

## LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Red Wash

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, 1963,

Agent's address P. O. Box 455 Company California Oil Co., Western Div.

Vernal, Utah Signed R. W. PATTERSON R. W. PATTERSON

Phone 789-2442 Agent's title Field Superintendent

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<u>DRILLING OPERATIONS</u>										
SW SW 21	78	23E	182	(14-2LB)						
<u>Present Conditions</u>										
Depth: 5790'							PBTD: 5758'			
Casing: 10-3/4", 40.5#, J-55 cmt'd at 230' with 180 sacks										
7", 23#, J-55 cmt'd at 5789 and 5340' with 400 sacks										
<u>Operations Conducted</u>										
Moved in J. W. Gibson workover rig to complete as water injection well. Tagged cement at 5745'. Drilled out from 5745 to 5758'. Ran Schlumberger Cement Bond and Gamma-Collar logs. Abrasijetted 3 - 60" horizontal slots at 5749' and broke down with 200 gal MCA. Abrasijetted 3 - 60" horizontal slots at 5740' and broke down with 200 gal MCA and broke down formation. Washed slots at 5749 and 5740' with 21 gal Dowell G-2 suds in 2100 gal fresh water. Swabbed back. Repeated washing operation and swabbed back. Ran 8 hr injection test with warm fresh water at 3 BFM. Abrasijetted 3 - 60" horizontal slots at 5676', broke slots down with 150 gal MCA. Abrasijetted 3 - 60" horizontal slots at 5665' and broke down with 150 gal MCA. Dowell pumped 2100 gal fresh water containing 21 gal G-2 suds into notches at 5665 and 5676. Swabbed back. Ran McCullough Radioactive Survey. (Survey showed notch at 5676 to be taking most of water.) Ran tubing and set Model E packer at 5300.16'. Released rig.										
SW NW 14	78	23E	194	(12-14B)						
<u>Present Conditions</u>										
Depth: 5519'							PBTD: 5468'			
Casing: 10-3/4", 40.5#, J-55 cmt'd at 231.10' with 170 sacks cement										
7", 23#, J-55 cmt'd at 5504' with 500 sacks cement.										

NOTE.—There were 376,490 bbls. runs or sales of oil; 355,232 M cu. ft. of gas sold; 425,022 gallons runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329 **USGS, SLC-2; (USCC, SLC-1); Mulf, Oka City-1;**  
(January 1960) **Gulf, Casper-1; Caulkins-1; RLG-1; File-1**

U. S. LAND OFFICE \_\_\_\_\_ Salt Lake City  
SERIAL NUMBER \_\_\_\_\_ U-0933  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_ /

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

# LOG OF OIL OR GAS WELL

## LOCATE WELL CORRECTLY

Company California Oil Co., Western Div. Address P. O. Box 455, Vernal, Utah  
 Lessor or Tract U-0933 Field Red Wash State Utah  
 (14-21B)  
 Well No. 182 Sec. 21 T. 7S R. 23E Meridian SLEM County Uintah  
 Location 629 ft. [N.] of S Line and 652 ft. [E.] of W Line of Sec. 21 Elevation 5586 **KB**  
[EX] (Derrick floor relative to sea level)  
 The information given herewith is a complete and correct record of the well and all work done thereon  
 so far as can be determined from all available records.  
 Original Signed by  
 Signed R. W. PATTERSON R. W. PATTERSON  
 Date July 31, 1963 Title Field Superintendent

The summary on this page is for the condition of the well at above date.

Commenced drilling December 3, 1962 Finished drilling June 14, 1963

## OIL OR GAS SANDS OR ZONES

(Denote gas by  $G$ )

No. 1, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_

No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 5, from \_\_\_\_\_ to \_\_\_\_\_

No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_

No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

[illegible]

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	230	180 sacks	Displace		
7"	5789'	75 sacks thru shoe &	Displace		
		325 sacks thru D. V.			
		at 5340'			

## PLUGS AND ADAPTERS

Heaving plug—Material ..... Length ..... Depth set .....

Adapters—Material ..... Size .....

## SHOOTING RECORD


# TOOLS USED

Rotary tools were used from 0 feet to 5790 feet, and from feet to feet  
Cable tools were used from feet to feet, and from feet to feet

# DATES

injecting water  
Put to producing June 16, 1963

The production for the first 24 hours was 1820 barrels of fluid of which % was oil; %  
at 1090 psi  
emulsion; 100% water; and % sediment. Gravity, °Bé.

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

# EMPLOYEES

J. C. McCarley, Driller E. Pearson, Driller  
J. C. Woodral, Driller, Driller

# FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2755	2755	Shale and Sand
2755	5790	3035	Sand and Shale
TGR	3023	(+2563)	
"G"	4678	(+908)	
"H"	4890	(+696)	
"I"	5101	(+485)	
"J"	5368	(+218)	
"K"	5500	(+86)	
"L"	5780	(-194)	
FROM—	TO—	TOTAL FEET	FORMATION

(OVER)  
FORMATION RECORD—CONTINUED

JUN 12 1963

17

WELL NO. 182 (14-21B)

PROPERTY: Section 21

RED WASH FIELD

### HISTORY OF OIL OR GAS WELL

Kerr-McGee Industries moved in and rigged up. Spudded at 12:00 Noon 12-3-62. Drilled 15" hole to 235'. Set 10-3/4" casing to 230' with 180 sacks Ideal cement containing 2% Calcium Chloride. WOC 12 hrs.

December 4 - December 18, 1962

Drilled 9" hole to 5583'. Conditioned hole for Core #1.

December 19, 1962

Began cutting Core #1 at 5583'.

December 20, 1962.

Pulled Core #1 (5583-5671'). Cut and recovered 88'. Started Core #2 at 5671'.

December 21, 1962

Core #2 (5671-5759). Cut and recovered 88'. Reamed hole and drilled to 5790' TD.

December 22, 1962

Ran Schlumberger IES and Micro-logs. Ran DST's #1, 2 and 3.

DST #1 (5663-5679) 60 min test. NGTS. Recovered 60' mud, 365' water. Pressures: IH 2652, ISI 2020, IF 62, FF189, FSI 1860, FH 2652.

DST #2 (5283-5299) 60 min test. NGTS. Recovered 30' oil, 548' water. Pressures: IH 2560, ISI 1775, IF 75, FF 300, FSI 1665, FH 2560.

DST #3 (5240-5256) 60 min test. NGTS. Rec 2' oil, 120' water. Pressures: IH 2508, ISI 1909, IF 20, FF 70, FSI 1675, FH 2508.

December 23, 1962

Ran DST #4, conditioned hole and began running 7" casing.

DST #4 (5161-5181') 45 min test. NGTS. Recovered 45' mud, 1367' water. Pressures: IH 2418, ISI 1920, IF 201, FF 618, FS 1820, FH 2418.

December 24, 1962

Cemented 7" casing at 5789' with 400 sacks Ideal cement. Cleaned out to float at 5745'. Landed tubing at 5679'. Released rig at 10:00 p.m. 12-24-62.

June 6, 1963

Moved in J. W. Gibson workover rig to complete as water injection well.

June 7, 1963

Tagged cement at 5745'. Drilled out from 5745 to 5758'.

June 8, 1963

Ran Schlumberger Cement Bond and Gamma-Collar logs. Replaced 6" S-600 tubing head with 6" S-900 injection head.

June 9, 1963

Abrasijetted 3 - 60° horizontal slots at 5749'. Spotted 200 gal mud acid across slots at 5749'. Abrasijetted 3 - 60° slots at 5740'. Spotted 200 gal MCA to notch at 5740'. Washed slots at 5749' and 5740' with 21 gal Dowell G-2 suds in 2100 gal fresh water.

WELL NO. 182 (14-21B)

PROPERTY: Section 21

RED WASH FIELD

June 10, 1963

Swabbed suds back.

June 11, 1963

Abrasijetted 3 - 60° horizontal slots at 5676 and 5665'. Spotted 150 gal MCA each at 5676 and 5665'.

June 12, 1963

Dowell pumped 2100 gal fresh water containing 21 gal G-2 suds into notches at 5665 and 5676'. Swabbed back until returns were clean.

June 13, 1963

McCullough ran radioactive survey to determine where water was going which entered notches 5665 and 5676'. There is only 15' of good bond cement above 5665' notch. It was suspected that water entering notch at 5665' could be migrating upward thru the area between the casing and hole and entering the formation above desired location. McCullough released two radioactive charges close to notches. Survey showed notch at 5676' to be taking most of the water.

June 14, 1963

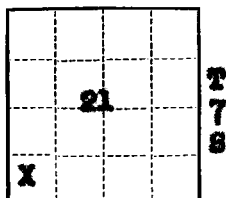
Set Baker Model "E" packer at 5300.16'. Landed tubing. Released rig.

(SUBMIT IN TRIPLICATE)

Land Office **Salt Lake City**

Lease No. **U-0933**

Unit **Red Wash**



**R 23 E**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	<b>X</b>	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

**Vernal, Utah** **July 29, 1964**, 19\_\_

Well No. **(14-21B) 182** is located **629** ft. from **XXX** line and **652** ft. from **XXX** line of sec. **21**  
**[S]** **[W]**

**SW 1/4 SW 1/4 21** **7S** **23E** **S1EM**  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
**Red Wash** **Utah** **Utah**  
(Field) (County or Subdivision) (State or Territory)

**Kelly Bushing**

The elevation of the ~~surface~~ above sea level is **5586** ft.

**DETAILS OF WORK**

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

It is proposed to expose the **K<sub>2</sub>** sand for water injection at the subject well as follows:

1. Perforate the **K<sub>2</sub>** sand at **5614-19, 5590-94 and 5596-5602'** with **4 jets/ft.**
2. Run injection profile
  - a. If **K<sub>2</sub>** sand is taking **30%** of injection fluid return well to injection.
  - b. If **K<sub>2</sub>** sand is taking less than **30%** tubing frac and return to injection.

Current Injection Rate: **2,545 BWPD** at **2220 psi.**

Above procedure approved in a telcon **Rod Smith - Frank Baker 7-29-64.**

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **California Oil Company, Western Division**

Address **P. O. Box 455**

**Vernal, Utah**

By **R. W. PATTERSON**

Title **Unit Superintendent**

UEGS, SLG-3; OAGCC, SLG-1; Gulf, Okla. City-1; Gulf, Casper-1; Conkline-1; Humble-1; File-1 914974

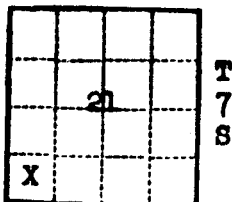
(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. U-0933

Unit Red Wash



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	X
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Vernal, Utah November 17, 1964

(14-21B)  
Well No. 182 is located 629 ft. from EX line and 652 ft. from EX line of sec. 21.  
SW 1/4 SW 1/4 21 7S 23E SLBM  
(Of Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Red Wash Uintah Utah  
(Field) (County or Subdivision) (State or Territory)

Kelly Bushing  
The elevation of the ~~datum~~ datum above sea level is 5586 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

The following work was completed on the subject well:

1. Perforated the  $K_B$  sand at 5614-19, 5596-5602 and 5590-94' with 4 jets/ft.
2. Tubing fraced above perfs and returned well to injection.
3. Follow-up injection profile survey indicated 31% of injection fluid entering  $K_B$  perfs.

Injection Before: 2545 BWPD at 2220 psi. ✓

Injection After: 2650 BWPD at 2150 psi. ✓

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company California Oil Company, Western Division

Address P. O. Box 455

Vernal, Utah

By R. W. PATTERSON

Title Unit Superintendent

USGS, SLC-3; O&GCC, SLC-1; Gulf, Okla City-1; Gulf, Casper-1; Caulkins-1; Humble-1; File-1

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRI-CATE\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-0923

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Red Wash

8. FARM OR LEASE NAME

9. WELL NO.

Unit #182 (14-218)

10. FIELD AND POOL, OR WILDEAT

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 21, T7S, R23E

12. COUNTY OR PARISH 13. STATE

Uintah

Utah

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☐ GAS WELL ☐ OTHER ☒ Water Injection Well

2. NAME OF OPERATOR

Chevron Oil Company, Western Division

3. ADDRESS OF OPERATOR

P. O. Box 455, Vernal, Utah 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)

At surface

629' FSL and 652' FWL of Sec. 21, T7S, R23E, SLBM

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

KB - 5586'

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐

(Other) Exclude Sand &amp; Stimulate

PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELLS ☐ALTERING CASING ☐ABANDONMENT\* ☐(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

It is proposed to exclude  $K_f$  sands and stimulate  $K_B$  and  $K_D$  sands at subject well as follows:

1. Drill out all production packers.
2. Set CIBP at 5720' and cap with 2 sacks cement.
3. Reperforate  $K_D$  sands from 5661-5680' with 2 shots/ft.
4. Reperforate  $K_B$  sands from 5611-5615' with 2 shots/ft.
5. Run packer and BP and selectively breakdown perfs 5661-5680' and 5590-5619'. Pull packer and BP.
6. Run injection string with Model "AC" packer to 5560'.

Present Injection: 1494 BWPD at 2150 psi.

18. I hereby certify that the foregoing is true and correct

SIGNED

R. W. PATTERSON

TITLE

Unit Superintendent

DATE

7/18/69

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

USGS, SLC-3; O&amp;GCC, SLC-2; Gulf, Okla. City-1; Gulf, Casper-1; Caulkins-1; Humble, Denver-1; File-

October 23, 1969

Chevron Oil Company  
P. O. Box 455  
Vernal, Utah 84078

Gentlemen:

This letter is to advise you that the following information is due and has not been filed with this office:

Well No. Red Wash #68(41-13B)	-	Subsequent Report of
Sec. 13, T. 7 S., R. 23 E.,		Converting to Gas Production
Uintah County, Utah		

Well No. Red Wash #182 (14-21B)	-	Subsequent Report of
Sec. 21, T. 7 S., R. 23 E.,		Excluding Sand & Stimulating
Uintah County, Utah		

It would be appreciated if you could complete the enclosed forms and forward them to this office at your earliest convenience.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

SCHEREE DeROSE  
SECRETARY

SD:ah

Enclosures

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN INDICATE\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-B1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-0933

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Red Wash

8. FARM OR LEASE NAME

9. WELL NO.

Unit #182 (14-218)

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 21, T7S, R23E

12. COUNTY OR PARISH

Utah

13. STATE

Utah

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)1. OIL WELL ☐ GAS WELL ☐ OTHER ☒ Water Injection Well

2. NAME OF OPERATOR

Chevron Oil Company, Western Division

3. ADDRESS OF OPERATOR

P. O. Box 455, Vernal, Utah 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*

See also space 17 below.)  
At surface

629' FSL and 652' FWL of Sec. 21, T7S, R23E, SLEM

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

KB - 5586

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐Exclude Sand & Stimulate ☒(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any  
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones per-  
nent to this work.)\*

The following work was completed on subject well as of 11-4-69:

1. Drilled up Model F packers at 5559, 5642 and 5700'.
2. Set CIBP at 5720'. Dumped 2½ sacks cement on top of CIBP.
3. Perforated at 5680-5661 (Kp) and 5611-5615 (Kp) w/ 2 jets/ft. Broke down new perms.
4. Ran injection string w/ Model AC packer at 5554.07'.
5. Released rig.
6. Acidized tubing string w/ 1300 gallons 15% HCl acid inhibitor on November 3, and  
formation with 400 gallons MOD 202 acid with 3 gals/1000 LP-55 on November 4, 1969.

Prior Injection: 1494 BWPD at 2150 psi.

Injection After: 303 BWPD at 1860 psi.

18. I hereby certify that the foregoing is true and correct

SIGNED

R. W. PATTERSON  
R. W. PATTERSON

TITLE

Unit Superintendent

DATE

12/23/69

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

USGS, SLC-3; O&amp;GCC, SLC-2; Gulf Okla. City-1; Gulf, Casper-1; Caulkins-1; Humble, Denver-1; File-1

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRI  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-0933

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Red Wash

8. FARM OR LEASE NAME

9. WELL NO.

182 (14-21B)

10. FIELD AND POOL, OR WILDCAT

Red Wash

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec 21, T7S, R23E, SLB&amp;M

12. COUNTY OR PARISH

Uintah

13. STATE

UT

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)1. ☐ OIL WELL ☐ GAS WELL ☐ OTHER Water Injection

2. NAME OF OPERATOR

Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR

P. O. Box 599, Denver, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface629' FSL & 652' FWL (SW $\frac{1}{4}$  SW $\frac{1}{4}$ )

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

KB 5586'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐  
☐  
☒  
☐

PULL OR ALTER CASING

☐  
☐  
☐  
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐  
☐  
☐

REPAIRING WELL

☐  
☐  
☐  
☐

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT\*

(Other)

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

It is proposed to clean out, perforate and acidize as follows:

1. MIR & RU. ND tree. NU BOPE. Release packer and POOH w/tubing.
2. RIH w/bit, casing scraper and work string. Clean out to 5707'. POOH.
3. Perforate as per the attached.
4. RIH w/RBP, packer and work string. Set above perfs @ 5550'. Straddle zones.
5. Acidize as per the attached.
6. POOH w/RBP, packer & work string.
7. RIH w/plastic lined tubing w/hydrostatic packer, land above 5550'.
8. ND BOPE. NU tree.
9. Place well on injection service

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

DATE: April 3, 1978

BY: P. L. Ince

3-USGS  
2-State  
3-Partners  
1-JCB  
1-DLD  
1-Sec 723  
1-FileNo additional surface  
disturbances required  
for this activity.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

J. J. Johnson

Engineering Assistant

DATE

3/27/78

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

WELL NAME: RWU #182 (14-21B)

FIELD: Red Wash

PROPOSED PERFORATING PROCEDURE

1. Changes intended: Open new sand for injection.
2. Results anticipated: Increased rate of injection.
3. Conditions of well which warrant such work: Low rate of injection at 2060 psig.
4. To be ripped or shot: Shot.
5. Depth, number and size of shots (or depth of rips): 3 shots per foot.

5654-56'

6. Date last Log of well filed:
7. Anticipated additional surface disturbances: None.
8. Estimated work date: April 12, 1978
9. Present production and status: Injecting.

Date

BOPD

MCFD

BWPD

2/78

1 down tubing.

WELL NAME: RWU #182 (14-21B)

FIELD: Red Wash

PROPOSED TREATMENT PROCEDURE

1. Objective: Clean out suspected scale buildup and increase injection.
2. Size and type of treatment: 1600 gals 15% HCl.
3. Intervals to be treated: 5654-80', 5590-5619'.
4. Treatment down casing or tubing: Tubing.
5. Method of localizing its effects: Retrievable bridge plug and packer set to straddle zones and 300# benzoic acid flakes to be used as diverting agents.
6. Disposal of treating fluid: Spent acid to be swabbed back.
7. Name of company to do work: Dowell, Halliburton or Western.
8. Anticipated additional surface disturbances: None.
9. Estimated work date: April 13, 1978
10. Present status, current production and producing interval: Injecting.

Date  
2/78

BOPD

MCFD

BWPD

1 down tubing

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPlicate\*  
(Other instructions on reverse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-0933

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Red Wash

8. FARM OR LEASE NAME

9. WELL NO.

182 (14-21B)

10. FIELD AND POOL, OR WILDCAT

Red Wash

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec 21, T7S, R23E, SLB&amp;M

12. COUNTY OR PARISH

Uintah

13. STATE

UT

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)1. OIL ☐ GAS ☐ OTHER ☐ Water Injection

2. NAME OF OPERATOR

Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR

P. O. Box 599, Denver, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface629' FSL & 652' FWL (SW $\frac{1}{4}$ SW $\frac{1}{4}$ )

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

KB 5586'

16.

## Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☒(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Operations to clean out, perforate and acidize well were performed as follows:

1. MIR & RU. ND tree, NU BOPE. Released packer and POOH w/tbg.
2. RIH w/bit, csg scraper and work string. Cleaned out to 5707 PBTD. POOH.
3. Log well w/GR-CCL from 5707' to 4607'.
4. RIH w/RBP and packer.
5. Acidized as per the attached (found benzoic acid flakes on RBP @ 5695').
6. POOH w/RBP, packer and work string.
7. Perforated at 5705' and acidized w/250 gals 15% HCl for cmt. Squeeze.
8. RIH w/pkr & tbg. Set packer at 5688'.
9. Cement squeezed pers at 5705' w/50 sx Class G cement, Cement squeezed perfs at 5654-80 w/50 sx Glass G cement. Cement squeezed perfs at 5590-5619 w/150 sx Class G cement. POOH w/tbg & pkr.
10. RIH w/bit and csg. Scraper. Drilled out cement. Test squeeze to 2000 psi. POOH w/bit and csg. scraper.
11. Perforated as per the attached.
12. RIH w/RBP and pkr.
13. Acidized as per the attached. POOH
14. RIH w/plastic lined tubing w/hydrostatic packer. Landed at 5538'.
15. ND BOPE. NU tree.
16. Place well on production.

3-USGS  
2-State  
3-Partners  
1-JCB  
1-DLD  
1-Sec 723  
1-File

18. I hereby certify that the foregoing is true and correct

SIGNED

*R. S. Brashier*

TITLE

R. S. Brashier

Drilling Representative

DATE

8/18/78

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

WELL NAME: RWU 182 (14-21B)

FIELD: Red Wash

COMPLETED PERFORATING PROCEDURE

1. Depth, number and size of shots (or depths of rips): 3 shots per foot.

5590-94  
5596-5602  
5611-19  
5654-56  
5661-80

2. Company doing work: Oil Well Perforators

3. Date of work: June 28, 1978

4. Additional surface disturbances: None

5. Production after work:

Date

BOPD

MCFD

BWPD

WELL NAME RWU N (14-21B)

FIELD NAME Red Wash

COMPLETED TREATMENT PROCEDURE

1. Size and type of treatment: 1600 gals 15% HCl.
2. Intervals treated: 5661-80, 5654-56, 5611-19, 5596-5602, 5590-94.
3. Treatment down casing or tubing. Tubing
4. Methods used to localize effects: Retrievable Bridge Plug and packer to straddle perfs.
5. Disposal of treating fluid: Swabbed back spent acid
6. Depth to which well was cleaned out: 5707 PBTD
7. Time spent bailing and cleaning out: 1 day
8. Date of work: 6/28/78 to 7/4/78.
9. Company who performed work: Dowell
10. Production interval: 5680 to 5590
11. Status and production before treatment:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
2/78			1 down tubing

12. Status and production after treatment:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
8/11/78			144

JAM 6/8/76

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☐ other ☒ Water Injection  
well well

2. NAME OF OPERATOR  
Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR  
P. O. Box 599, Denver, CO 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 660' FNL and 660' FEL NENE  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐

☐  
☐  
☒  
☐  
☐  
☐  
☐  
☐

(other) Install Selective Injection Equipment

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Well was perforated, acidized, and Selective Injection Equipment run in well as follows:

1. MIR & RU. ND Tree. Released packer. NU BOPE. POOH w/tbg.
2. RIH w/bit and casing scraper, cleaned out to 5698'.
3. RU and perforate. See attached.
4. RIH w/pkr and RBP. RU pumping equipment and acidized. See attached.
5. RIH w/selective injection equipment, set packers at 5586, 5249, and 5017', bottom of injection equipment at 5679'.
6. ND BOPE. NU wellhead.
7. Placed well on injection service.

**No additional surface  
disturbances required  
for this activity.**

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED J. Johnson TITLE Engineering Assist DATE December 11, 1981

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

5. LEASE  
U-0567

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Red Wash

8. FARM OR LEASE NAME

9. WELL NO.  
6 (41-21B)

10. FIELD OR WILDCAT NAME  
Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 21, T7S, R23E, SLB&M

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
KB 5637

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

RECEIVED  
DEC 17 1981  
DIVISION OF  
OIL, GAS & MINING

WELL NAME: RWU 6(41-21B)

FIELD: Red Wash

COMPLETED PERFORATING PROCEDURE

1. Depth, number and size of shots (or depths of rips): 3 shots/ft.

5546-5550  
5487-5492  
5254-5256  
5217-5220  
5196-5199

2. Company doing work: Oil Well Perforators

3. Date of work: October 2, 1981

4. Additional surface disturbances: None

5. Production after work:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
10/81			1268 Injecting
11/81			760 Injecting

WELL NAME RWU 6 (41-21B)

FIELD NAME Red Wash

COMPLETED TREATMENT PROCEDURE

1. Size and type of treatment: 5487-5550      1,800 gals 15% HCL  
5254-5313      1,500 gals 15% HCL  
5116-5220      2,200 gals 15% HCL
2. Intervals treated:
3. Treatment down casing or tubing: Tubing
4. Methods used to localize effects: Packer and RBP and ball sealers were used  
as diverting agents.
5. Disposal of treating fluid: Spent acid was swabbed back to frac tank.
6. Depth to which well was cleaned out: 5698
7. Date of work: October 3, 5, 6, 1981
8. Company who performed work: Dowell
9. Production interval: 5116-5697 Injection Intervals
10. Status and production before treatment:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
9/81	shut in		

11. Status and production after treatment:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
10/81			1268 Injecting
11/81			760 Injecting

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☐  
well well other Water Injector

2. NAME OF OPERATOR

Chevron USA, Inc.

3. ADDRESS OF OPERATOR

P.O. Box 599, Denver, Co. 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 629' FSL & 652' FWL SW $\frac{1}{4}$ SW $\frac{1}{4}$

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☒

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON\* ☐

(other) ☐

5. LEASE

U-0933

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Red Wash

9. WELL NO.

182(14-21B)

10. FIELD OR WILDCAT NAME

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 21, T7S, R23E, SLBM

12. COUNTY OR PARISH 13. STATE

Uintah

UT

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

GL 5574'

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

It is proposed to perf the H, H<sub>A</sub>, I<sub>B</sub>, I<sub>D</sub>, and I<sub>E</sub> sands in this well to correspond with intervals in offset producers. All intervals are to be acidized.

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 5/3/83

BY: [Signature]

No additional surface  
disturbances required  
for this activity.

3-BLM  
2-State  
3-Partners  
1-Sec. 723  
1-JAH  
1-File

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Arlene F. Bush TITLE Engineering Asst DATE April 22, 1983

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

WELL NAME: 182(14-21B)

FIELD: Red Wash

PROPOSED TREATMENT PROCEDURE

1. Objective: Acidize all open intervals
2. Size and type of treatment: 3500 gals 15% HCl
3. Intervals to be treated:

5,654 - 5,680	750 gals
5,590 - 5,619	750 gals
5,163 - 5,299	1500 gals
4,906 - 4,925	500 gals
4. Treatment down casing or tubing: Casing
5. Method of localizing its effects: RCN balls evenly distributed throughout acid
6. Disposal of treating fluid: Flow well to pit for cleanup
7. Name of company to do work: Halliburton, Dowell or Western
8. Anticipated additional surface disturbances: None
9. Estimated work date: 5/1/83
10. Present status, current production and producing interval:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
4/83	Injects 50 BWPD into K <sub>B</sub> and K <sub>D</sub> sands		

WELL NAME: 182 (14-21B)

FIELD: Red Wash

PROPOSED PERFORATING PROCEDURE

1. Changes intended: Open additional intervals to injection
2. Results anticipated: A cumulative recovery of 16,425 BO over a 3 year period is anticipated.
3. Conditions of well which warrant such work: Well currently has low injection profile

4. To be ripped or shot: shot

5. Depth, number, and size of shots (or depth of rips):

H	4,906 - 4,910	4 ft	8 holes
H <sub>A</sub>	4,921 - 4,925	4 ft	8 holes
I <sub>B</sub>	5,163 - 5,181	18 ft	36 holes
I <sub>D</sub>	5,249 - 5,256	7 ft	14 holes
I <sub>E</sub>	5,284 - 5,299	<u>15 ft</u>	<u>30 holes</u>
		48 ft	90 holes

6. Date last Log of well filed: -

7. Anticipated additional surface disturbances: None

8. Estimated work date: 5/1/83

9. Present production and status:

Date

BOPD

MCFD

BWPD

4/83 Injects 50 BWPD into K<sub>B</sub> and K<sub>D</sub> sands

RWU #182 (14-21B)

Workover Procedure

1. Backflow well prior to moving rig. Monitor shut-in tubing pressure - flow well to clean up.
2. MIRUCU.
3. Kill well - ND tree and NU BOPE - Test BOPE.
4. POOH w/2-7/8 PC injection string.
5. Clean out to PBTD.
6. Perforate the following intervals w/maximum penetrating charges - 2 JPF:

H	4,906-4,910	4 ft	8 holes
H <sub>A</sub>	4,921-4,925	4 ft	8 holes
I <sub>B</sub>	5,163-5,181	18 ft	36 holes
I <sub>D</sub>	5,249-5,256	7 ft	14 holes
I <sub>E</sub>	5,284-5,299	15 ft	30 holes
		48 ft	96 holes

NOTE: Perforation depths based on Induction-Electrical Log  
Dated 12/21/62 Run No. 1 *Schlumberger*

7. Isolate perfs 5,654-5,680 and acidize w/750 gals 15% HCL w/the following Halliburton additives or equivalents:

10 gal/M FE-1A	Iron Sequestering Agent
50 gal/M Parasperse	Paraffin Dispersant
2 gal/M Tri-S	Surfactant
5 gal/M HC-2	Suspending Agent
50#/M Spacer Sperse	Dispersent
2 gal/M HAI-55	Corrosion Inhibitor
70 RCN balls evenly distributed throughout acid	

NOTE: Notify Denver if communication occurs.

8. Flowback +100 bbls or until clean up.
9. Isolate perfs 5,590-5,619 and acidize as outlined in Step No. 7 except use 60 RCN balls evenly distributed in acid.
10. Flowback as in Step No. 8.
11. Isolate interval 5,590 to 5,680 and establish injection rate @ 1,500 psi - Notify Denver of results.

RWU #182 (14-21B)

12. Isolate perfs 5,163-5,299 and acidize as outlined in Step No. 7 except / use 1,500 gals of 15% HCL and 100 RCN balls.
13. Surge balls off perfs and pump 50 bbls into formation @ 1,500 psi - Notify Denver of injection rate.
14. Isolate perfs 4,906-4,925 and acidize as outlined in Step No. 7 - except use 500 gal 15% HCL. No RCN balls necessary. Overdisplace by 50 bbls. Notify Denver of injection rate during over displacement (establish injection rate @ 1,500 psi).
15. POOH w/tools.
16. RIH w/injection string - spot packers @ +5,410, +5,010 and +4,840. Place mandrels @ +5,560, +5,130 and +4,870. Land tubing +10' below bottom perfs. See attached schematic.
17. Displace hole w/packer fluid and freeze blanket.
18. Set packers.
19. Run in w/slick line and pull blanks - run in w/chokes which will be determined from results obtained in Step No's. 11, 13, and 14.
20. ND BOPE & NU tree.
21. Return well to injection.

NOTE: Notify State to witness casing test  
for UIC RWHellhoff 4/12/83

STATE OF UTAH  
DIVISION OF OIL, GAS, AND MINING  
ROOM 4241 STATE OFFICE BUILDING  
SALT LAKE CITY, UTAH 84114  
(801) 533-5771  
(RULE I-5)

FORM NO. DOGM-UIC-1

IN THE MATTER OF THE APPLICATION OF  
Chevron U.S.A. Inc.

CAUSE NO. \_\_\_\_\_

ADDRESS P. O. Box 599  
Denver, CO ZIP 80201

ENHANCED RECOVERY INJ. WELL ☒  
DISPOSAL WELL ☐

INDIVIDUAL \_\_\_\_\_ PARTNERSHIP \_\_\_\_\_ CORPORATION ☒  
FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR  
INJECT FLUID INTO THE ...RWU...No...182..... WELL  
SEC. 21 TWP. 7S RANGE 23E  
Uintah COUNTY, UTAH

APPLICATION

Comes now the applicant and shows the Division the following:

1. That Rule 1-5 (b) 6 authorizes administrative approval of enhanced recovery injections or disposal operations.
2. That the applicant submits the following information.

Lease Name <u>U-0933</u>	Well No. <u>182 (14-21B)</u>	Field <u>Red Wash</u>	County <u>Uintah</u>
Location of Enhanced Recovery Injection or Disposal Well <u>SW<math>\frac{1}{4}</math> SW<math>\frac{1}{4}</math></u> Sec. <u>21</u> Twp. <u>7S</u> Rge. <u>23E</u>			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <u>12/24/62</u>	
Depth-Base Lowest Known Fresh Water Within $\frac{1}{2}$ Mile <u>2700</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within $\frac{1}{2}$ Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		State What <u>oil &amp; gas</u>
Location of Injection Source(s) <u>Either Green River water or produced water</u>		Geologic Name(s) and Depth of Source(s) <u>Green River 4500-5700</u>	
Geologic Name of Injection Zone <u>Green River</u>		Depth of Injection Interval <u>4906</u> to <u>5680</u>	
a. Top of the Perforated Interval: <u>4906</u>	b. Base of Fresh Water: <u>2700</u>	c. Intervening Thickness (a minus b) <u>2206</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
Lithology of Intervening Zones <u>sand-shale</u>			
Injection Rates and Pressures Maximum = <u>2500 B/D</u> , Working = <u>800</u> B/D Maximum = <u>3000 psi</u> , Working = <u>2000</u> PSI			
The Names and Addresses of Those To Whom Copies of This Application and Attachments Have Been Sent <u>Bureau of Land Management, State of Utah</u> <u>1400 University Club Building</u> <u>136 East South Temple</u> <u>Salt Lake City, Utah 84111</u> DIVISION OF OIL, GAS & MINING			

State of Colorado

R. H. Elliott  
Applicant

County of Denver

R. H. ELLIOTT

Before me, the undersigned authority, on this day personally appeared R. H. ELLIOTT  
known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly  
authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 19 day of July, 1963

SEAL

Leis J. Thompson  
Colorado  
Notary Public in and for

My commission expires July 5, 1987

Address is:  
700 South Colorado Blvd.  
Denver, CO 80222

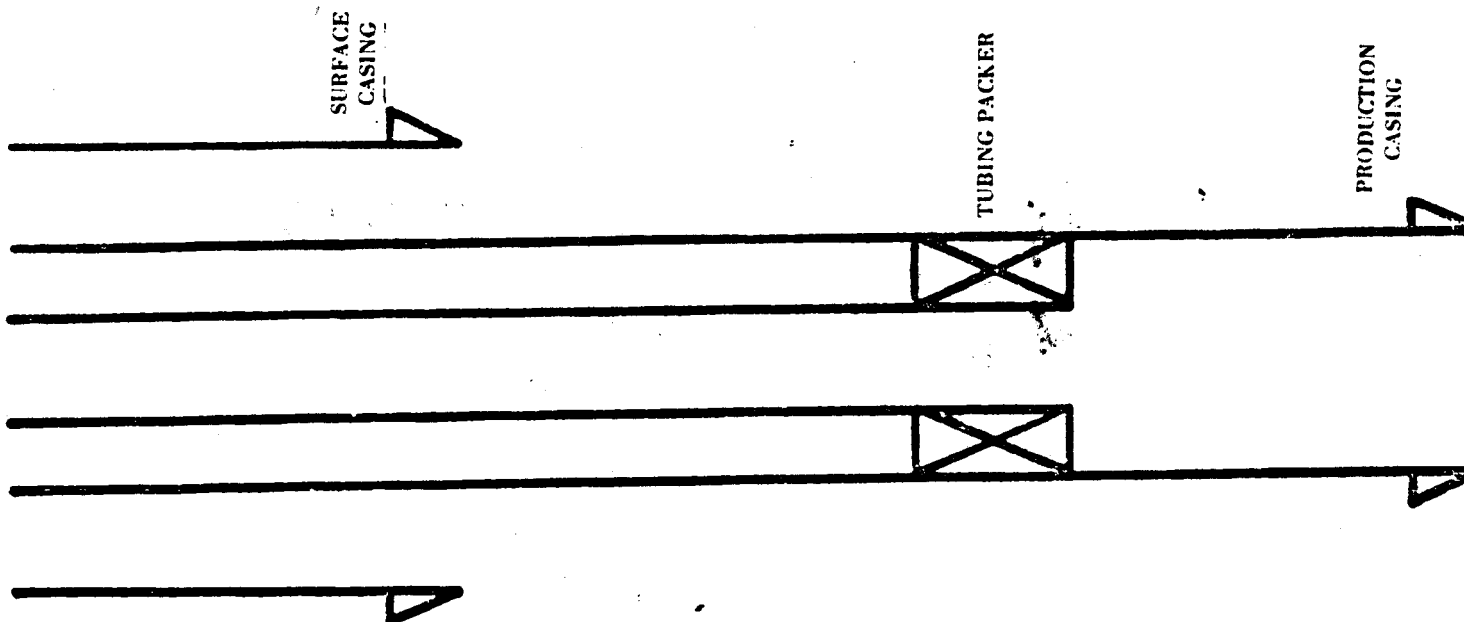
(OVER)

1. Attach qualitative and quantitative analysis of fresh water from 2 or more producing wells within 1 mile of injection well showing location of wells and date samples were taken, or statement as to why samples were not submitted.
2. Attach qualitative and quantitative analysis of representative sample of water to be injected.
3. Attach plat showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within ½ mile, together and with name of operator.
4. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division.)
5. Attach Electric or Radioactivity Log of Subject well (if released).
6. Attach schematic drawing of subsurface facilities including; Size, setting depth, amount of cement used measured or calculated tops of cement surface, intermediate (if any) and production casings; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval.
7. The original and 6 copies of application, and one complete set of attachments shall be mailed to the Division.
8. Deliver 1 copy of application to landowner on whose land injection well is located and to each operator of a producing leasehold within ½ mile of injection well.
9. Affidavit of mailing or delivery shall be filed not later than five days after the application is filed.
10. Notice that an application has been filed shall be published by the Division in a newspaper of general circulation in the county in which the well is located. The Division shall file proof of publication before the application is approved. The notice shall include name and address of applicant, location of proposed injection or disposal well, injection zone, injection pressure and volume. If no written objection is received within 15 days from date of publication the application will be approved administratively.
11. A well shall not be used for injection or disposal unless completed machine accounting Form DOGM-UIC-3b is filed September 1st, each year.
12. Approval of this application, if granted, is valid only as long as there is no substantial change in the operations set forth in the application. A substantial operation change requires the approval of a new application.
13. If there is less intervening thickness required by Rule I-5 (b) 4 attach sworn evidence and data.

## CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface	10-3/4"	230	180	surface	returns
Intermediate					
Production	7"	5789	400	3710	CBL
Tubing	2-3/8"	± 5690	Name - Type - Depth of Tubing Packer (3) Baker Model FH packers @ ± 4840, ± 5010, ± 54		
Total Depth 5790	Geologic Name - Inj. Zone Green River	Depth - Top of Inj. Interval 4906		Depth - Base of Inj. Interval 5680	

SKETCH - SUBSURFACE FACILITY



(To be filed within 30 days after drilling is completed)

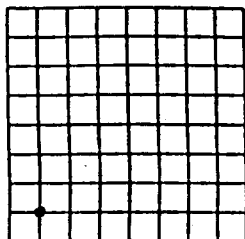
## DEPARTMENT OF NATURAL RESOURCES AND ENERGY

DIVISION OF OIL, GAS, AND MINING

Room 4241 State Office Building

Salt Lake City, Utah 84114

API NO 43-047-05472

640 Acres  
NLocate Well Correctly  
and Outline LeaseCOUNTY Uintah SEC. 21 TWP. 7S RGE. 23ECOMPANY OPERATING Chevron U.S.A. Inc.OFFICE ADDRESS P. O. Box 599TOWN Denver STATE CO ZIP 80201FARM NAME Red Wash WELL NO. 182DRILLING STARTED 12/3 19 62 DRILLING FINISHED 12/18/9 62DATE OF FIRST PRODUCTION 6/16/63 COMPLETED 6/14/63WELL LOCATED SW 1/4 SW 1/4629 FT. FROM SL OF 1/4 SEC. & 652 FT. FROM WL OF 1/4 SEC.ELEVATION DECK FLOOR 5586 GROUND 5574.41COUNTY  
LEASE NO.

## TYPE COMPLETION

Single Zone X

Order No. \_\_\_\_\_

Multiple Zone \_\_\_\_\_

Order No. \_\_\_\_\_

Comingled \_\_\_\_\_

Order No. \_\_\_\_\_

## LOCATION EXCEPTION

Order No. \_\_\_\_\_ Penalty \_\_\_\_\_

## OIL OR GAS ZONES

Name	From	To	Name	From	To
Green River	4500	5700			

## CASING &amp; CEMENT

Casing Set				Csg. Test	Cement		
Size	Wgt	Grade	Feet	Psi	Sax	Fillup	Top
10-3/4"	40.5#	J-55	230	1200	180	-	surface
7"	23#	J-55	5789	2000	400	-	3710

TOTAL DEPTH 5790

PACKERS SET

DEPTH ± 4840. ± 5010. ± 5410

## COMPLETION &amp; TEST DATA BY PRODUCING FORMATION

1

2

3

FORMATION	Green River		
SPACING & SPACING ORDER NO.	80-acre spacing		
CLASSIFICATION (Oil; Gas; Dry; Inj. Well)	Enhanced recovery		
PERFORATED	4906-10	5284-99	5654-56
	4921-25	5590-94	5661-80
INTERVALS	5163-81	5596-5602	
	5249-56	5611-19	
ACIDIZED?	All perforated intervals acidized		
FRACTURE TREATED?	-		

INITIAL TEST DATA Not applicable-completed as water injection well

Date

Oil. bbl./day

Oil Gravity

Gas. Cu. Ft./day

CF

CF

CF

Gas-Oil Ratio Cu. Ft./Bbl.

Water-Bbl./day

Pumping or Flowing

CHOKE SIZE

FLOW TUBING PRESSURE

A record of the formations drilled through, and pertinent remarks are presented on the reverse.

(use reverse side)

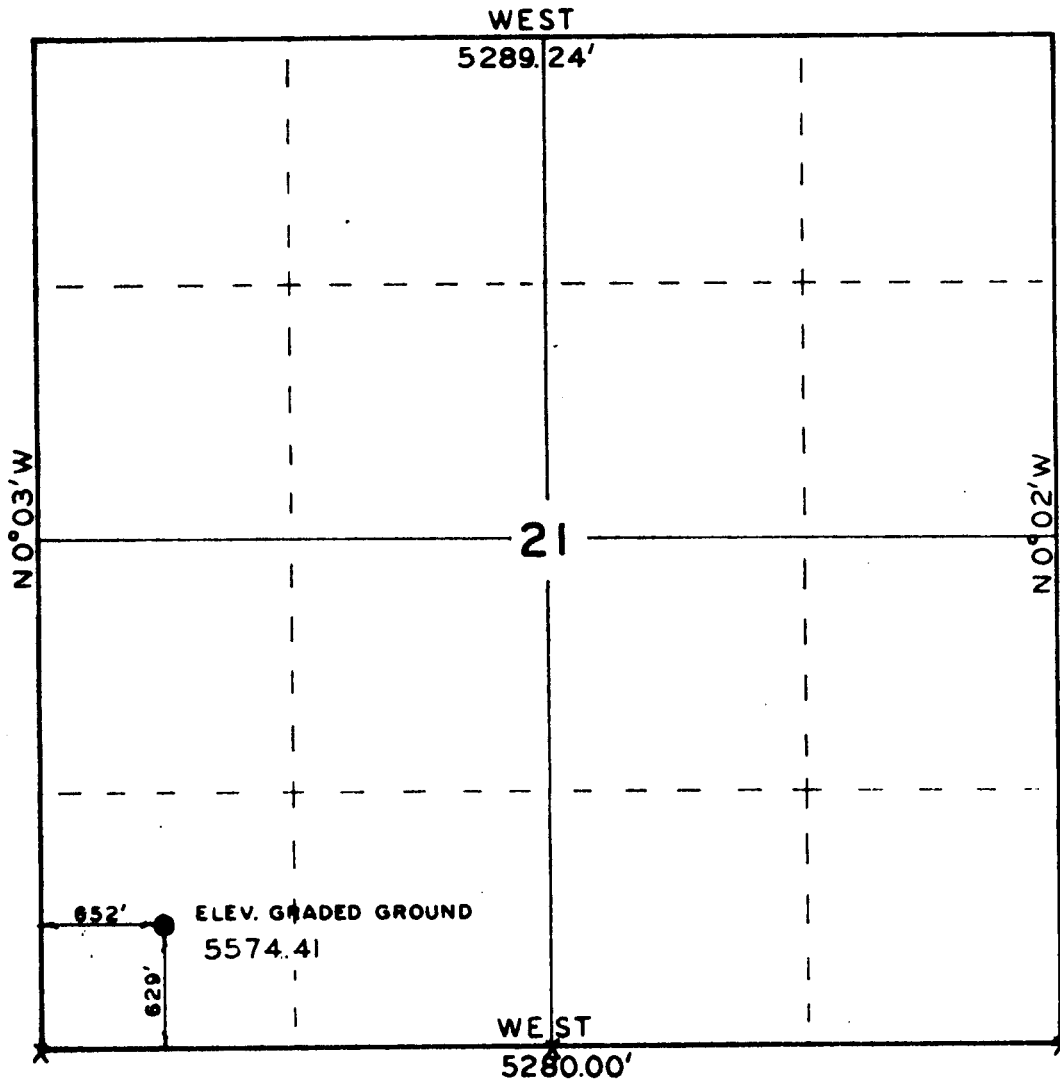
I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Telephone (303) 691-7437 R.H. Elliott - Area Prod. Supt.  
Name and title of representative of companyMy commission expires July 5, 1987 19 day of July, 19 83.Business address is:  
South Colorado Blvd.  
Denver, CO 80222Leis J. Thompson

CORRECTED

will file

T 7S, R 23E, SLB & M



X = Corners Located (brass caps)

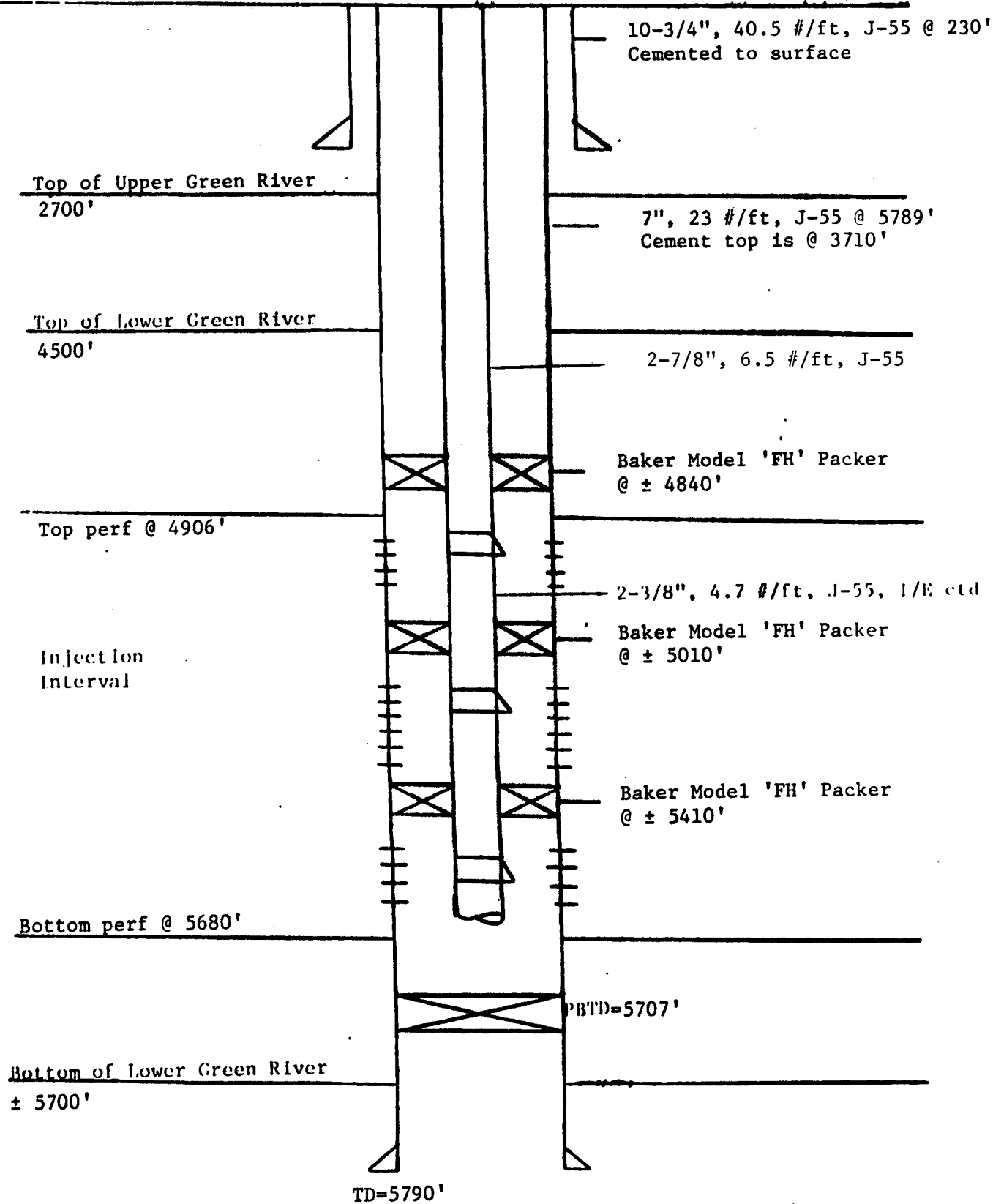
Scale: 1" = 1000'

*Helen J. Marshall*

By: ROSS CONSTRUCTION CO.  
Vernal, Utah

<p>ARTY S. Stewart R. Stewart</p> <p>EATHER Fair - Warm</p>	<p><b>SURVEY</b> CALIFORNIA OIL CO. WELL LOC 14-21B (NO. 182) LOCATED AS SHOWN IN THE SW 1/4, SW 1/4, SEC. 21, T 7S, R 23E, SLB &amp; M. UINTAH COUNTY, UTAH.</p>	<p>DATE 11/9/62 REFERENCES GLO Township Plat Approved 11/29/44 FILE CALCO</p>
---	---	---

Ground Level 5574.41



Red Wash Unit 182 (14-21B)  
Wellbore Schematic

## CBL DESCRIPTIONS

### Injection Well

#### **RWU No. 182 (14-21B)**

No. 182 has a bond that is fair overall. Good and poor bonding is shown alternately from the top of the cement at 3710' to 5750'. Gross perforated interval is 4906'-5680'.

### Offset Producers

#### **RWU No. 20 (41-29B) - SI**

A cement bond log is not available for No. 20 (41-29B). The cement top is shown to be at 3500' from the temperature log. The production interval is from 5551'-55'.

#### **RWU No. 101 (34-21B)**

The CBL for No. 101 indicates a good to fair cement bond. A section of poor bonding is located at 5610'-5660'. The cement top is at 3500' and the producing interval is 5111'-5636'.

#### **RWU No. 109 (21-28B)**

The CBL indicates the cement top is at  $\pm$  4288'. The bond quality from 4288' to 4400' is fair to poor. In general, the bonding from 4400' to 5735' is good to fair. The production interval is from 4936' to 5678½'.

#### **RWU No. 164 (12-28B)**

The CBL for No. 164 indicates consistently fair bonding from the cement top at 4335' down to 5890'. The producing interval is 4919'-5667'.

#### **RWU No. 167 (23-21B)**

The cement top in the subject well is at 4300'. The gross perforated interval is 5111'-5533'. The CBL indicates fair bonding with poor bonding at 5600'-5680'.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well ☐ gas ☐ well ☐ other ☐ Water Injector

2. NAME OF OPERATOR  
Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR  
P.O. Box 599, Denver, CO 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 629' FSL & 652' FWL SWSW  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input checked="" type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other)		

5. LEASE  
U-0933

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Red Wash

8. FARM OR LEASE NAME

9. WELL NO.  
182 (14-21B)

10. FIELD OR WILDCAT NAME  
Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 21, T7S, R23E, SLBM

12. COUNTY OR PARISH  
Utah

13. STATE  
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
GL 5574

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Well was cleaned out, perforated and acidized as follows:

1. MIR & RU. ND Tree. NU BOPE. Released packer.
2. POOH w/2-7/8" tbg and packer.
3. RIH w/bit and csg scraper. Cleaned out to 5707'.
4. Perforated intervals 4906-4910, 4921-4925, 5163-5181, 5249-5256, and 5284-5299 w/2 shots/ft.
5. Acidized well. See attachment.
6. RIH w/2-3/8" and 2-7/8" plastic coated tbg and packers. Hydrotested tbg to 5000 psi.
7. ND BOPE. NU Tree. RIH w/RR-2 plug and set at 5684'. Set packers at 5,394', 5,035' and 4,833'.
8. Press tested casing to 1000 psi. OK
9. Turned well over to injection.

3-BLM  
2-State  
3-Partners  
1-JAH  
1-Sec. 723  
1-File

No additional surface  
disturbances required  
for this activity.

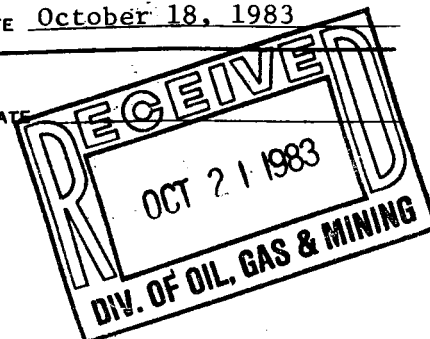
Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED JJ Johnson TITLE Engineering Ass't. DATE October 18, 1983

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:



WELL NAME RWU 182 (14-21B)

FIELD NAME Red Wash

COMPLETED TREATMENT PROCEDURE

1. Size and type of treatment:
2. Intervals treated:

5654-5680	750 gals 15% HCL
5590-5619	750 gals 15% HCL
5163-5299	1500 gals 15% HCL
4906-4925	500 gals 15% HCL
3. Treatment down casing or tubing: tubing
4. Methods used to localize effects: Retrievable bridge plug and packer set to straddle interval treated.
5. Disposal of treating fluid: Spent acid was flushed to perfs.
6. Depth to which well was cleaned out: 5707'
7. Date of work: September 14-15, 1983
8. Company who performed work: Halliburton
9. Production interval:
10. Status and production before treatment:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>	<u>INJECTION</u>
8/83				shut-in

11. Status and production after treatment:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>	<u>INJECTION</u>
9/20/83	.		308	@ 880 psi

# CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

\* \* \* \* \*

Operator: Chevron Well No. 14-21B (182)  
 County: Ventura T 25 R 23E Sec. 21 API# 43-047-16497  
 New Well ☐ Conversion ☐ Disposal Well ☐ Enhanced Recovery Well ☒

	YES	NO
UIC Forms Completed	<u>✓</u>	<u>      </u>
Plat including Surface Owners, Leaseholders, and wells of available record	<u>✓</u>	<u>      </u>
Schematic Diagram	<u>✓</u>	<u>      </u>
Fracture Information	<u>✓</u>	<u>      </u>
Pressure and Rate Control	<u>✓</u>	<u>      </u>
Adequate Geologic Information	<u>✓</u>	<u>      </u>
Fluid Source	<u>Greenriver</u>	

Analysis of Injection Fluid	Yes <u>  </u>	No <u>  </u>	TDS <u>5460</u>
Analysis of Water in Formation to be injected into	Yes <u>✓</u>	No <u>  </u>	TDS <u>21,667</u>
Known USDW in area	<u>Ventura</u> Depth <u>2700</u>		
Number of wells in area of review	<u>5</u>	Prod. <u>5</u>	P&A <u>0</u>
		Water <u>0</u>	Inj. <u>0</u>

Aquifer Exemption Yes ✓ NA       

Mechanical Integrity Test Yes    No   

Date 10-25-83 Type Fraser

Comments: Top of Cement 3710 Bottom 5789

Reviewed by: [Signature]

UTAH DIVISION OF OIL, GAS AND MINING  
CASING-BRADENHEAD TEST

OPERATOR: Chevron U.S.A, Inc.

FIELD: Red Wash LEASE: U-0933

WELL # 14-21 B (182) SWSW SEC. 21 TOWNSHIP 7S RANGE 23E

STATE FED. FEE DEPTH 5790 TYPE WELL WI MAX. INJ. PRESS. 3500 PSI

TEST DATE 6-21-84

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>	<u>10 3/4"</u>	<u>230</u>	<u>180</u>	<u></u>	<u></u>	<u></u>
<u>INTERMEDIATE</u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
<u>PRODUCTION</u>	<u>7"</u>	<u>5789</u>	<u>400</u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
<u>TUBING</u>	<u>2 3/8"</u>	<u>5690</u>	<u>P</u>	<u>1155 PSI</u>	<u></u>	<u></u>

REMARKS:

Accumulator: 4094 Unable to test casing annulus because  
of bull plug in valve.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

WW

2. Name of Operator

Chevron U.S.A. Inc.

3. Address and Telephone No.

P.O. Box 455, Vernal, Utah 84078 (801) 789-2442

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

629 FSL, 652 FWL, SEC. 21, T7S, R23E

5. Lease Designation and Serial No.  
U-0933

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation  
Red Wash Unit

8. Well Name and No.  
RWU #182 (14-21B)

9. API Well No.  
43-047-16497

10. Field and Pool, or Exploratory Area  
Red Wash-Grn. River

11. County or Parish, State  
Uintah, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Well test facility upgrades were completed in 1992. We plan to re-evaluate this shut-in injection well during 1993.

RECEIVED

FEB 18 1993

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

Title

Date

(This space for Federal or State office use)

Approved by:

Title

Date

Conditions of approval, if any:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SEP - 1 1994

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON OIL, GAS & MINING

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT--" for such proposals

Designation and Serial No.  
U-0933

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Gas  
☐ Well ☐ Well ☒ Other

2. Name of Operator

CHEVRON U.S.A. PRODUCTION COMPANY

3. Address and Telephone No.

11002 EAST 17500 SOUTH, VERNAL, UT 84078-8526 (801) 781-4302

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

629' FSL, 652' FWL, SEC. 21, T7S/R23E

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

RED WASH UNIT

8. Well Name and No.

RWU #182 (14-21B)

9. API Well No.

43-047-16497

10. Field and Pool, or Exploratory Area

RED WASH-GRN. RIVER

11. County or Parish, State

UINTAH, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

This water injection well is in compliance with UIC regulations and TA status has been approved by the EPA.

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY

14. I hereby certify that the foregoing is true and correct  
Signed

*Chana Raugh*

Title Operations Assistant

Date 08/30/94

(This space for Federal or State office use)

Approved by:

Title

Date

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR SEP - 1 1994  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**DEPARTMENT OF OIL, GAS & MINING**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT--" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Gas  
☐ Well ☐ Well ☒ Other

2. Name of Operator

**CHEVRON U.S.A. PRODUCTION COMPANY**

3. Address and Telephone No.

**11002 EAST 17500 SOUTH, VERNAL, UT 84078-8526 (801) 781-4302**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**629' FSL, 652' FWL, SEC. 21, T7S/R23E**

5. Lease Designation and Serial No.

**U-0933**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

**RED WASH UNIT**

8. Well Name and No.

**RWU #182 (14-21B)**

9. API Well No.

**43-047-16497**

10. Field and Pool, or Exploratory Area

**RED WASH-GRN. RIVER**

11. County or Parish, State

**UINTAH, UTAH**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other \_\_\_\_\_  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

**This water injection well is in compliance with UIC regulations and TA status has been approved by the EPA.**

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD**

14. I hereby certify that the foregoing is true and correct.  
Signed

*Chana Haugh*

Title **Operations Assistant**

Date **08/30/94**

(This space for Federal or State office use)

Approved by:

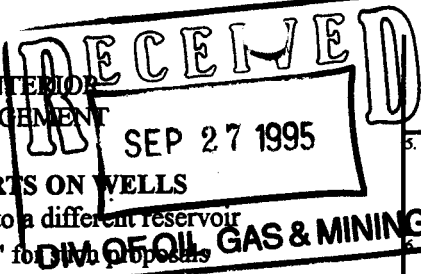
Title

Date

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir

Use "APPLICATION FOR PERMIT--" for well proposals

5. Lease Designation and Serial No.	U-0933
6. If Indian, Allottee or Tribe Name	N/A
7. If Unit or CA, Agreement Designation	RED WASH UNIT
8. Well Name and No.	RED WASH UNIT 182 (14-21B)
9. API Well No.	43-047-16497
10. Field and Pool, or Exploratory Area	RED WASH - GREEN RIVER
11. County or Parish, State	UINTAH, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well	
<input checked="" type="checkbox"/> Oil Well	<input type="checkbox"/> Gas Well <input type="checkbox"/> Other
2. Name of Operator CHEVRON U.S.A. PRODUCTION COMPANY	
3. Address and Telephone No. 11002 E. 17500 S. VERNAL, UT 84078-8526	
Steve McPherson in Red Wash (801) 781-4310 or Gary Scott in Rangely, CO. (970) 675-3791	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 629' FSL & 652' FWL (SW SW) SECTION 21, T7S, R23E, SLBM	

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other _____	<input type="checkbox"/> Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

WE ARE REQUESTING AN EXTENSION OF THE TEMPORARILY ABANDONED STATUS OF THIS WELL.

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY

14. I hereby certify that the foregoing is true and correct.  
Signed G.D. SCOTT *G.D. Scott* Title DRILLING TECHNICIAN Date September 26, 1995

(This space for Federal or State office use)

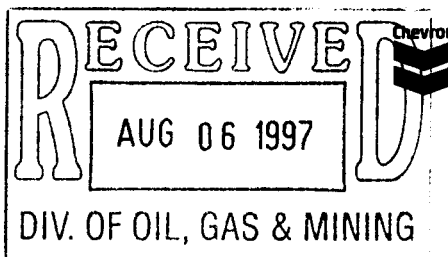
Approved by: \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

AUGUST 4, 1997

RWU #182 (14-21B) - UT02440  
RED WASH UNIT  
UINTAH COUNTY, UTAH



**Chevron**

Chevron U.S.A. Production Co.  
Rocky Mountain Profit Center  
Red Wash Asset Team  
11002 East 17500 South  
Vernal, UT 84078-8526  
(801) 781-4300


MR. JOHN CARSON  
UIC IMPLEMENTATION SECTION  
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION VIII  
999 18th STREET - SUITE 500  
DENVER, CO 80202-2466  
EFT-T

Dear Mr. Carson:

The enclosed material details remedial work planned for RWU #182 (14-21B). Similar to recent Red Wash injection well projects, the work is necessary to improve pressure support and sweep efficiency affecting three offset producers. In this case, we plan to add and stimulate perforations within the injection interval, then mechanically exclude uphole injection perforations which are believed to be watered out.

EPA approval is respectfully requested. If you have any questions or comments, please contact Steven McPherson at (801) 781-4310.

Sincerely,

  
\_\_\_\_\_  
J. T. CONLEY  
RED WASH ASSET TEAM LEADER

Enclosure

cc     **Utah Division of Oil, Gas and Mining**  
1594 West North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, UT 84114-5801  
Attn. Mr. Gil Hunt

U.S Department of the Interior  
Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, UT 84078

**RED WASH UNIT #182 (14-21B)  
629' FSL & 652' FWL  
SWSW-SEC. 21-T7S-R23E  
UINTAH COUNTY, UTAH**

API#: 43-047-16497  
LEASE NUMBER: U-0933  
EPA ID NUMBER: UT-02440  
KB ELEVATION: 5586'  
GL ELEVATION: 5574'  
TD: 5790'  
PBTD: 5707'

**CASING DETAIL:**

15" HOLE SIZE  
10-3/4" 40.5# J-55 @ 230' W/180 SX. REGULAR CEMENT

9" HOLE SIZE  
7" 23# J-55 @ 5789' W/75 SX. REGULAR OUT SHOE AND 325 SX. REGULAR  
OUT DV TOOL @ 5340'.

TOC @ 3170' BY CBL

**TUBING DETAIL:**

SEE TOUR REPORTS - SIE INJECTOR

**PERFORATION DETAIL:**

**Open -**

4906-10'	H50	5655-56'	Kd
4921-25'	Ha	5661-80'	Kd
5163-86'	Ib50	5705'	Ke
5249-56'	Id		
5284-99'	Ie		
5590-94'	Kb		
5596-5602'	Kb		
5611-19'	Kb		

**Excluded -**

5740'	Kf50
5749'	Kf50

**RWU #182 (14-21B)**

**WELL HISTORY:**

6/63: At completion, drilled out to 5758', ran CBL, then notched and stimulated with MCA as follows.

5749', 200 gal. acid.

5740', 200 gal. acid.

5676', 150 gal. acid.

5665', 150 gal. acid.

Set packer at 5300' and converted well to water injection.

8/64: Perforated 5614-19', 5596-5602', 5590-94'. Fractured 5590-5619' with 9000 gal. gel and 9000# sand. Cleaned out, set packer at 5300' and RTI.

8/65: Installed SIE with packers at 5559', 5642' and 5700'. RTI.

8/69: Set CIBP at 5720' with 2 sx. cement on top. Perforated 5661-80' and 5611-15'. Broke down all perforations. Set packer at 5554' and RTI.

6/78: Cleaned out to 5707' PBTD and acidized all perforations below 5560' with 1000 gal. 15% Hcl. Perforated and acidized with 15% Hcl and cement squeezed as follows.

5705', 250 gal. acid, squeeze with 50 sx.

5654-80', squeezed with 50 sx.

5590-5619', squeezed with 150 sx.

Drilled out cement, perforated and acidized with 15% Hcl as follows.

5590-94', 600 gal. acid.

5596-5602', broke down with water.

5611-19', broke down with water.

5654-56', 19 bbl. acid.

5661-80', 100 gal. acid.

RTI with packer set at 5521'.

9/83: Cleaned out to 5707' and perforated 4906-10', 4921-25', 5163-81', 5249-56' and 5284-99'. Acidized with 15% Hcl as follows.

5654-80', 750 gal. acid.

5590-5619', 750 gal. acid.

5163-5299', 1500 gal. acid.

4906-25', 500 gal. acid.

Installed SIE with packers at 4832', 5035' and 5394'. RTI.

**RWU #182 (14-21B)**  
**RECOMPLETION PROCEDURE:**

1. MIRU. ND WH AND NU BOPE.
2. PULL/FISH SIE AS DICTATED BY WELL CONDITIONS.
3. CLEAN OUT TO PBTD WITH BIT AND SCRAPER.
4. PERFORATE 5453-60' WITH 4 JSPF, 90° PHASING, MAXIMUM AVAILABLE CHARGE VIA HSC. DEPTHS ARE FROM SCHLUMBERGER INDUCTION ELECTRICAL LOG DATED 12/21/62.
5. HYDROTEST IN HOLE TO ~4500 PSI WITH RBP AND PACKER. ISOLATE AND BREAKDOWN ALL PERFORATIONS FROM BOTTOM SET AT 5611-19' THROUGH NEW PERFORATIONS 5453-60' USING ACID IF NECESSARY. SELECT TOOL SEATS APPROPRIATE FOR PERFORATION SPACING.
6. SET RBP AT ~5550' AND PRESSURE TEST SAME TO ~4500 PSI. SET PACKER AT ~5350' AND PUMP TEST PACKER SEAT.
7. RU AND FRACTURE DOWN TUBING PER THE SCHEDULE BELOW. BASE FLUID IS 2% KCl WITH LOW RESIDUE GUAR CONCENTRATION AS SPECIFIED. INCLUDE 1 GAL./M NON-EMULSIFIER; DELAYED BORATE CROSSLINKER AND RELATED BUFFER SUFFICIENT TO CROSSLINK AT 75% OF THE TUBING LENGTH, AND 4#/M OXIDIZING GEL BREAKER. FLUSH TO ~5400' AND LEAVE WELL SI OVERNIGHT TO ALLOW CLOSURE.

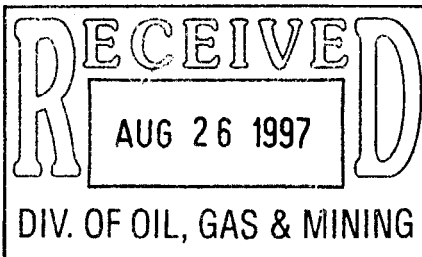
STAGE	VOL. GAL.	CUM. VOL. GAL.	SAND LB.	CUM. SAND LB.
PAD	750	750	0	0
30#/M				
1-8 PPG	750	1500	3375	3375
30#/M				
8 PPG	1000	2500	8000	11375
30#/M				
FLUSH	~1350	3650	0	8650
0#/M				

DESIRED TREATING RATE:	10 BPM
EXPECTED MAX. SURFACE PRESSURE:	~3900 PSI
EXPECTED MAX. HHP:	~950 HHP

8. CLEAN OUT AND PULL RBP. CLEAN OUT TO PBTD.
9. RUN 3-PACKER/2-MANDREL SIE SPACED OUT TO SET PACKERS AT ~5550', ~5420' AND ~4850', SIDE POCKET MANDRELS AT ~5640' AND ~5500'. SET PACKERS, ND BOPE, NU WH AND CONDUCT MECHANICAL INTEGRITY TEST PER EPA GUIDELINES.
11. RDMO. RETURN TO PRODUCTION.

**AUGUST 21, 1997**

**RWU #182 (14-21B) - UT02440  
RED WASH UNIT  
UINTAH COUNTY, UTAH**



43-0A7-16497

**Chevron**

**Chevron U.S.A. Production Co.  
Rocky Mountain Profit Center  
11002 East 17500 South  
Vernal, UT 84078-8526  
(801) 781-4300**

**MR. JOHN CARSON  
UIC IMPLEMENTATION SECTION  
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION VIII  
999 18th STREET - SUITE 500  
DENVER, CO 80202-2466  
EFT-T**

**Dear Mr. Carson:**

The Well Rework Record, MIT results and related documentation covering a recent workover on the captioned well are enclosed for your review and records. Please note that the current top perforation exposed to injection is at 5453'. The new corresponding maximum surface injection pressure is 1857 psi.

If you have any questions or comments, please contact Steven McPherson at (801) 781-4310.

**Sincerely,**

  
\_\_\_\_\_  
**J. T. CONLEY  
RED WASH ASSET TEAM LEADER**

**Enclosure**

cc     Utah Division of Oil, Gas and Mining  
         1594 West North Temple, Suite 1210  
         P. O. Box 145801  
         Salt Lake City, UT 84114-5801  
         Attn. Mr. Gil Hunt

U.S Department of the Interior  
Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, UT 84078

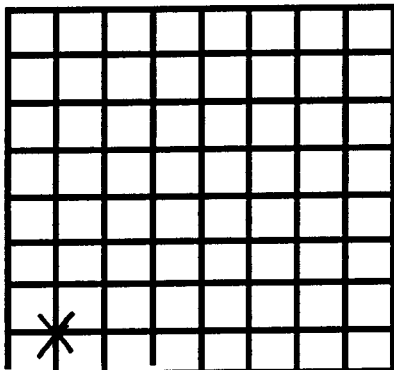
**EPA**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460**WELL REWORK RECORD**NAME AND ADDRESS OF PERMITTEE  
CHEVRON USA PRODUCTION CO., INC.  
11002 EAST 17500 SOUTH  
VERNAL, UT 84078-8528  
801-781-4300NAME AND ADDRESS OF CONTRACTOR  
GUDAC BROTHERS, INC.  
P. O. BOX 389  
VERNAL, UT 84078  
801-789-3945LOCATE WELL AND OUTLINE UNIT ON  
SECTION PLAT - 640 ACRESSTATE  
UTAHCOUNTY  
UINTAHPERMIT NUMBER  
UT02440

N

W

E

S



## SURFACE LOCATION DESCRIPTION

SW 1/4 OF SW 1/4 OF 1/4 SECTION 21 TOWNSHIP 7S RANGE 23E

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT

Surface  
Location 629' ft. from (N/S) S Line of quarter section  
and 652' ft. from (E/W) W Line of quarter section

43-047-16497

WELL ACTIVITY  
☐ Brine Disposal  
☒ Enhanced Recovery  
☐ Hydrocarbon StorageTotal Depth Before Rework  
5790'  
Total Depth After Rework  
5790'TYPE OF PERMIT  
☒ Individual  
☐ Area  
Number of Wells 1

Lease Name

Date Rework Commenced  
8/8/97

Well Number

RED WASH UNIT

Date Rework Completed  
8/20/97

182 (14-21B)

**WELL CASING RECORD - BEFORE REWORK**

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
						PLEASE REFER TO ENCLOSED FOR DETAILS

**WELL CASING RECORD - AFTER REWORK (Indicate Additions and Changes Only)**

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
						PLEASE REFER TO ENCLOSED FOR DETAILS

DESCRIBE REWORK OPERATIONS IN DETAIL  
USE ADDITIONAL SHEETS IF NECESSARY

PLEASE REFER TO ENCLOSED

**WIRE LINE LOGS. LIST EACH TYPE**

Log Types

Logged Intervals

**CERTIFICATION**

*I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32).*

NAME AND OFFICIAL TITLE (Please type or print)  
J. T. CONLEY  
RED WASH ASSET TEAM LEADER

SIGNATURE

DATE SIGNED

8-25-97

# Mechanical Integrity Test Casing or Annulus Pressure Test

U.S. Environmental Protection Agency  
Underground Injection Control Program, UIC Implementation Section, 8WM-DW  
999 18th Street, Suite 500, Denver, CO 80202-2466

EPA Witness: N/A Date 8/20/97 Time 12:30 am/pm  
Test conducted by: Gudac Bros. Inc.  
Others present: Mike Gudac, Gary Wackman

Well: Rwa \* 182 (14-21B)

Well ID: UT-02440

Field: Red Wash

Company: Chevron USA Inc

Well Location:

Address: 11,002 East 17500 South  
Vernal, Utah 84078-8524

S.W. Sec 21 - T 7 S - R 23 E

Time	Test #1	Test #2	Test #3
0 min	<u>1020</u> psig	<u>          </u> psig	<u>          </u> psig
5	<u>1020</u>	<u>          </u>	<u>          </u>
10	<u>1020</u>	<u>          </u>	<u>          </u>
15	<u>1020</u>	<u>          </u>	<u>          </u>
20	<u>1010</u>	<u>          </u>	<u>          </u>
25	<u>1010</u>	<u>          </u>	<u>          </u>
30 min	<u>1010</u>	<u>          </u>	<u>          </u>
35	<u>          </u>	<u>          </u>	<u>          </u>
40	<u>          </u>	<u>          </u>	<u>          </u>
45	<u>          </u>	<u>          </u>	<u>          </u>
50	<u>          </u>	<u>          </u>	<u>          </u>
55	<u>          </u>	<u>          </u>	<u>          </u>
60 min	<u>          </u>	<u>          </u>	<u>          </u>
Tubing press	<u>          </u> psig	<u>          </u> psig	<u>          </u> psig

Result (circle) Pass Fail

Pass Fail

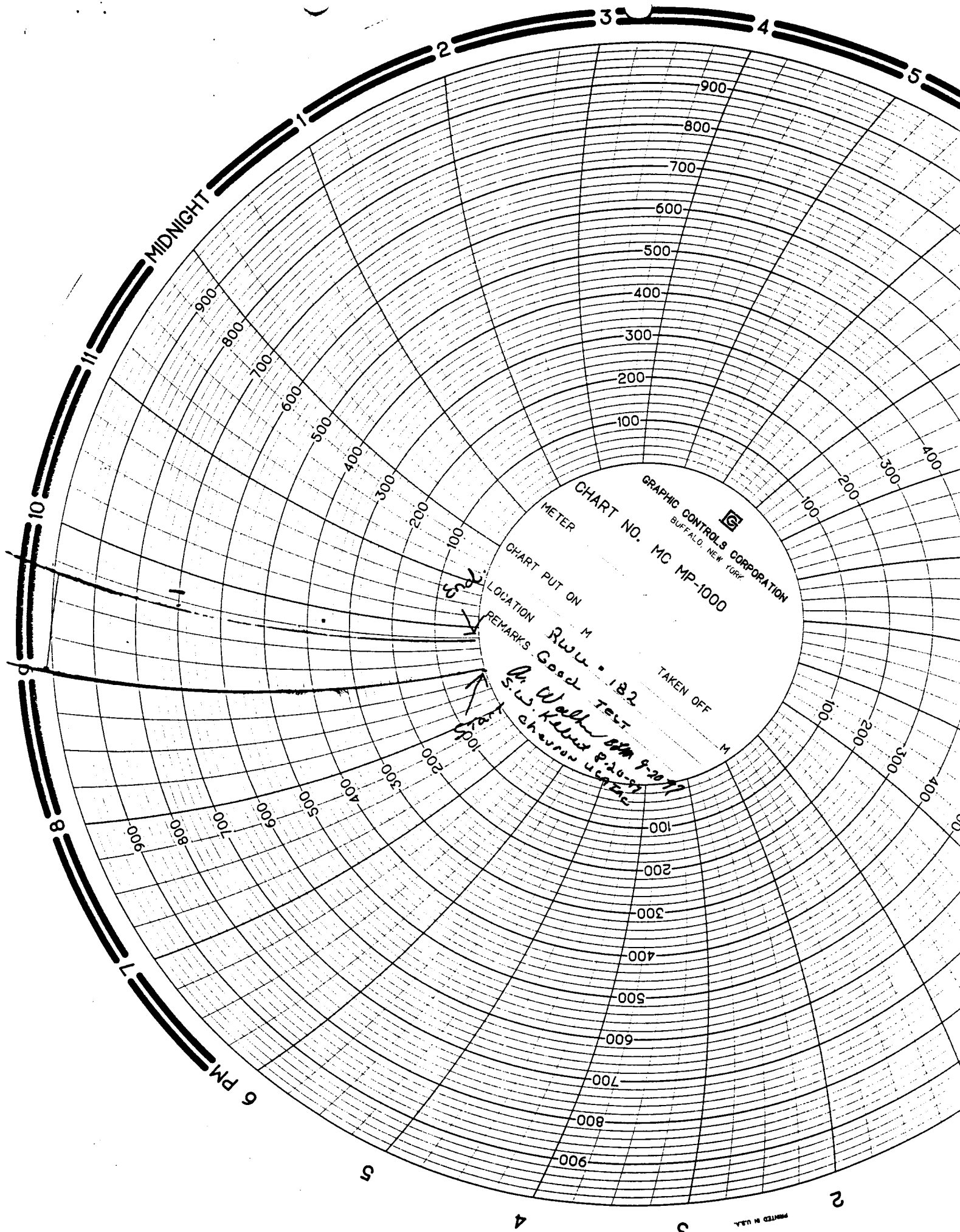
Pass Fail

S.W. Kelner 8-20-97 Chevron USA Inc.

Signature of EPA Witness: A. Walker BLM

See back of page for any additional comments & compliance followup.

This is the front side of two sides



GRAPHIC CONTROLS CORPORATION  
BUFFALO, NEW YORK

CHART NO. MC MP-1000

METER

CHART PUT ON

LOCATION

REMARKS

TAKEN OFF

Run - 182  
Good Test  
R. Walker  
S. J. Keller  
Chevron Refinery

**RED WASH UNIT #182 (14-21B)  
629' FSL & 652' FWL  
SWSW-SEC. 21-T7S-R23E  
UINTAH COUNTY, UTAH**

API#: 43-047-16497  
LEASE NUMBER: U-0933  
EPA ID NUMBER: UT-02440  
KB ELEVATION: 5586'  
GL ELEVATION: 5574'  
TD: 5790'  
PBTD: 5707'

**CASING DETAIL:**

15" HOLE SIZE  
10-3/4" 40.5# J-55 @ 230' W/180 SX. REGULAR CEMENT

9" HOLE SIZE  
7" 23# J-55 @ 5789' W/75 SX. REGULAR OUT SHOE AND 325 SX. REGULAR  
OUT DV TOOL @ 5340'.  
TOC @ 3170' BY CBL

**TUBING DETAIL: SEE TOUR REPORTS - SIE INJECTOR**

**PERFORATION DETAIL:**

Open -

5453-60'  
5590-94' Kb  
5596-5602' Kb  
5611-19' Kb  
5655-56' Kd  
5661-80' Kd  
5705' Ke

Excluded -

4906-10' H50  
4921-25' Ha  
5163-86' lb50  
5249-56' ld  
5284-99' le  
5740' Kf50  
5749' Kf50

**RWU #182 (14-21B)**  
**WELL HISTORY:**

6/63: At completion, drilled out to 5758', ran CBL, then notched and stimulated with MCA as follows.

5749', 200 gal. acid.

5740', 200 gal. acid.

5676', 150 gal. acid.

5665', 150 gal. acid.

Set packer at 5300' and converted well to water injection.

8/64: Perforated 5614-19', 5596-5602', 5590-94'. Fractured 5590-5619' with 9000 gal. gel and 9000# sand. Cleaned out, set packer at 5300' and RTI.

8/65: Installed SIE with packers at 5559', 5642' and 5700'. RTI.

8/69: Set CIBP at 5720' with 2 sx. cement on top. Perforated 5661-80' and 5611-15'. Broke down all perforations. Set packer at 5554' and RTI.

6/78: Cleaned out to 5707' PBTD and acidized all perforations below 5560' with 1000 gal. 15% Hcl. Perforated and acidized with 15% Hcl and cement squeezed as follows.

5705', 250 gal. acid, squeeze with 50 sx.

5654-80', squeezed with 50 sx.

5590-5619', squeezed with 150 sx.

Drilled out cement, perforated and acidized with 15% Hcl as follows.

5590-94', 600 gal. acid.

5596-5602', broke down with water.

5611-19', broke down with water.

5654-56', 19 bbl. acid.

5661-80', 100 gal. acid.

RTI with packer set at 5521'.

9/83: Cleaned out to 5707' and perforated 4906-10', 4921-25', 5163-81', 5249-56' and 5284-99'. Acidized with 15% Hcl as follows.

5654-80', 750 gal. acid.

5590-5619', 750 gal. acid.

5163-5299', 1500 gal. acid.

4906-25', 500 gal. acid.

Installed SIE with packers at 4832', 5035' and 5394'. RTI.

8/97: Fished SIE and cleaned out to PBTD. Perforated 5453-60' and fractured same with 2500 gal. Gel containing 11600# sand. Isolated and broke down all other perforations between 5453' and 5705'. Installed 3-packer/2-mandrel SIE with packers at 4843', 5402' and 5550', mandrels at 5503' and 5650'. Conducted MIT.

**TOP EXPOSED INJECTION PERFORATION AT 5453'.**

FIELD: Redwash

OL: 5574 KBR: 5586

Start Date: 8-8-97 Finish Date: 8-20-97

WELL NAME: RWH #182 (14-21A)

ID: 5790 PBID: 5707

Current Well Status: (Oil/Gas/Injection/ST)

Location:  
SW OF SW 821 T 75 R 23 E  
Uintah County, Utah

Reason for Pull/Workover:  
Remove STE, Add Perfs, Stimulate,  
Install STE

Wellbore Schematic

Surface

Casing

Size 10 3/4

Height 40.5

Grade J 55

Cemented

W/ 180 SXS

Set @ 230'

Hole size 15"

TOC @ 3170'

OPEN PERFS

EXCLUDED PERFS

4906-10

4921-25

5163-86

5249-56

5284-99

5453-60

5590-94

5596-5602

5611-19

5655-56

5661-80

5705

5740

5749

Production

Casing

Size 7"

Height 23

Grade J 55

Cemented

W/ 400 SXS

Set @ 5789'

Hole size 9"

PBID @ 5707'

TD @ 5790'

Tubing Landing Detail: See Baker Schematic

dated 8-20-97

Description	Size	Footage	Depth
KB to Tbg Head			

Tubing Information

Condition:

New: Used: Rerun: 2718' I.C.

Grade: J 55

Weight (#/ft): 6.5

Sucker Rod Detail:

Size	#Rods	Centralized
1"		
7/8"		
3/4"		
Sinkerbar		

Rod Information

Condition:

New: Used: Rerun:

Grade:

Manufacture:

Pump Information:

API Designation

Example: 25 x 150 x RHAC X 20 X 6 X 2

Pump SH#:

Original Run Date: / /

Rerun: New Run:

ESP Well

Cable Size:

Pump Intake @

End of Pump @

Flowing Well

BN @

PKR @

EOT @

Wellhead Detail:

7 1/16" 2000#

7 1/16" 3000#

7 1/16" 5000#

Other:

Hanger: Yes No

Hole Problems:

1> Remove STE

2> Perforate 4" XSB, 90' Phasing 5453-60

3> Sand Fracture Perfs: 5453-60 w/ 4032 gals. Frac Fluid w/ 11,000 lbs 20/40 Sand

4> Equip to Inject w/ STE

Comments:

5> Conduct Final UIC Test

Tested CSG @ 7843' to Surface

to 1020 psi / 30 minute Gash

Blm: Allen Walker witnessed Test

Prepared By: SWK

Date:



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well Oil <input type="checkbox"/> Gas <input type="checkbox"/> Well <input type="checkbox"/> Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> INJECTION	<b>RECEIVED</b> OCT 24 1997 DIV. OF OIL, GAS & MINING (801) 781-4300
2. Name of Operator CHEVRON U.S.A. PRODUCTION COMPANY	
3. Address and Telephone No 11002 E. 17500 S. VERNAL, UT 84078-8526	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  629' FSL & 652' FWL (SW SW) SECTION 21, T7S, R23E, SLBM	

5. Lease Designation and Serial No. U-0933
6. If Indian, Allottee or Tribe Name N/A
7. If Unit or CA, Agreement Designation RED WASH UNIT
8. Well Name and No. RED WASH UNIT 182 14-21B
9. API Well No. 43-047-16497
10. Field and Pool, or Exploratory Area RED WASH - GREEN RIVER
11. County or Parish, State UINTAH, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other _____	<input type="checkbox"/> Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

WE INTEND TO PERFORM THE FOLLOWING WORK ON THIS WELL:

- MIRU. ND WH AND NU BOPE. PULL/FISH SIE AS DICTATED BY WELL CONDITIONS. CLEAN OUT TO PBDT WITH BIT AND SCRAPER.
- PERFORATE 5453-60' WITH 4 JSPF, 90 DEGREE PHASING, MAXIMUM AVAILABLE CHARGE VIA HSC. DEPTHS ARE FROM SCHLUMBERGER INDUCTION ELECTRICAL LOG DATED 12/21/62.
- HYDROTEST IN HOLE TO ~4500 PSI WITH RBP AND PACKER. ISOLATE AND BREAKDOWN ALL PERFORATIONS FROM BOTTOM SET AT 5611-19' THROUGH NEW PERFORATIONS 5453-60' USING ACID IF NECESSARY. SELECT TOOL SEATS APPROPRIATE FOR PERFORATION SPACING.
- SET RBP AT ~5550' AND PRESSURE TEST SAME TO ~4500 PSI. SET PACKER AT ~5350' AND PUMP TEST PACKER SEAT.
- RU AND FRACTURE DOWN TUBING. BASE FLUID IS 2% KCI WITH LOW RESIDUR GUAR CONCENTRATION AS SPECIFIED. INCLUDE 1 GAL/M NON-AMULSIFIER: DELAYED BORATE CROSSLINKER AND RELATED BUFFER SUFFICIENT TO CROSSLINK AT 75% OF THE TUBING LENGTH AND 4#/M OXIDIZING GEL BREAKER. FLUSH TO ~5400' AND LEAVE WELL SI OVERNIGHT TO ALLOW CLOSURE.
- CLEAN OUT AND PULL RBP. CLEAN OUT TO PBDT
- RUN 3-PACKER/2-MANDREL SIE SPACED OUT TO SET PACKERS AT ~5550', ~5420' AND ~4850', SIDE POCKET MANDRELS AT ~5640' AND ~5500'. SET PACKERS, ND BOPE, NU WH AND CONDUCT MECHANICAL INTEGRITY TEST PER EPA GUIDELINES.
- RDMO. RETURN TO INJECTION.

14. I hereby certify that the foregoing is true and correct.

Signed D. C. TANNER

Title COMPUTER SYSTEMS OPERATOR

Date 10/21/97

(This space for Federal or State office use)

Approved by: \_\_\_\_\_

Title \_\_\_\_\_

Conditions of approval, if any \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See instruction on Reverse Side

Accepted by the State  
of Utah Division of  
Oil, Gas and Mining

Date: 10-27-97

By: [Signature]

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT--" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well Oil Gas <input type="checkbox"/> Well <input type="checkbox"/> Well <input checked="" type="checkbox"/> Other MULTIPLE WELLS SEE ATTACHED LIST	7. If Unit or CA, Agreement Designation <b>RED WASH UNIT I-SEC NO 761</b>
2. Name of Operator <b>CHEVRON U.S.A. INC.</b>	8. Well Name and No.
3. Address and Telephone No <b>11002 E. 17500 S. VERNAL, UT 84078-8526 (801) 781-4300</b>	9. API Well No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)	10. Field and Pool, or Exploratory Area <b>RED WASH - GREEN RIVER</b>
	11. County or Parish, State <b>UINTAH, UTAH</b>

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>CHANGE OF OPERATOR</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

As of January 1, 2000 Chevron U.S.A. INC. resigns as Operator of the Red Wash Unit.  
The Unit Number is I-SEC NO 761 effective October 31, 1950.

The successor operator under the Unit Agreement will be  
Shenandoah Energy Inc.  
475 17th Street, Suite 1000  
Denver, CO 80202

Agreed and accepted to this 29th day of December, 1999

Shenandoah Energy Inc.

By: M. L. Solich  
Mitchell L. Solich  
President

RECEIVED

DEC 30 1999

DIVISION OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.  
Signed A. E. Wacker A.E. Wacker Title Assistant Secretary Date 12/29/99

(This space for Federal or State office use)

Approved by: \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any \_\_\_\_\_

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH	4-KAS
2. CDW	5- <del>80</del>
3. JLT	6-FILE

Enter date after each listed item is completed

**X Change of Operator (Well Sold)**

Designation of Agent

Operator Name Change (Only)

Merger

The operator of the well(s) listed below has changed, effective:

01/01/2000**FROM:** (Old Operator):

CHEVRON USA INC

Address: 11002 E. 17500 S.

VERNAL, UT 84078-8526

Phone: 1-(435)-781-4300

Account No. N0210

**TO:** ( New Operator):

SHENANDOAH ENERGY INC

Address: 11002 E. 17500 S.

VERNAL, UT 84078

Phone: 1-(435)-781-4300

Account No. N4235

		CA No.	Unit:	RED WASH		
WELL(S)						
NAME	API	ENTITY	SECTION	TOWNSHIP	RANGE	LEASE
RWU 14 (14-13B) (wiw)	43-047-15144	99996	13	07S	23E	FEDERAL
RWU 183 (33-13B) (wiw)	43-047-15289	5670	13	07S	23E	FEDERAL
RWU 185 (41-14B) (wiw)	43-047-16498	99996	14	07S	23E	FEDERAL
RWU 34 (23-14B) (wiw)	43-047-15161	99996	14	07S	23E	FEDERAL
RWU 156 (23-15B) (wiw)	43-047-15267	99990	15	07S	23E	FEDERAL
RWU 268 (43-17B) (wiw)	43-047-32980	5670	17	07S	23E	FEDERAL
RWU 174 (21-20B) (wiw)	43-047-15281	5670	20	07S	23E	FEDERAL
RWU 173 (21-21B) (wiw)	43-047-16496	99996	21	07S	23E	FEDERAL
RWU 182 (14-21B) (wiw)	43-047-16497	99996	21	07S	23E	FEDERAL
RWU 6 (41-21B) (wiw)	43-047-16482	99996	21	07S	23E	FEDERAL
RWU 148 (13-22B) (wiw)	43-047-15261	99996	22	07S	23E	FEDERAL
RWU 91 (33-22B) (wiw)	43-047-16479	99996	22	07S	23E	FEDERAL
RWU 23 (21-23B) (wiw)	43-047-15151	99996	23	07S	23E	FEDERAL
RWU 25 (23-23B) (wiw)	43-047-16476	99996	23	07S	23E	FEDERAL
RWU 2 (14-24B) (wiw)	43-047-16472	99996	24	07S	23E	FEDERAL
RWU 59 (12-24B) (wiw)	43-047-16477	99996	24	07S	23E	FEDERAL
RWU 275 (31-26B) (wiw)	43-047-31077	99996	26	07S	23E	FEDERAL
RWU 11 (34-27B) (wiw)	43-047-15142	99996	27	07S	23E	FEDERAL
RWU 56 (41-28B) (wiw)	43-047-15182	99996	28	07S	23E	FEDERAL
RWU 264 (31-35B) (wiw)	43-047-30519	99996	35	07S	23E	FEDERAL
RWU 279 (11-36B) (wiw)	43-047-31052	99996	36	07S	23E	FEDERAL

## OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 12/30/1999
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 08/09/2000
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 08/23/2000

4. Is the new operator registered in the State of Utah: YES Business Number: 224885
5. If NO, the operator was contacted on: \_\_\_\_\_
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 02/04/2000
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 02/04/2000
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC"** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 08/24/2000

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**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 08/23/2000
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 08/23/2000
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

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**STATE BOND VERIFICATION:**

1. State well(s) covered by Bond No.: N/A

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**FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: \_\_\_\_\_

---

**FILMING:**

1. All attachments to this form have been **MICROFILMED** on: 3.5.01

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**FILING:**

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: \_\_\_\_\_

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**COMMENTS:**

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# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

# RECEIVED

FEB 07 2000

DIVISION OF  
OIL, GAS AND MINING

IN REPLY REFER TO  
UT-931

February 4, 2000

Shenandoah Energy Inc.  
Attn: Rae Cusimano  
475 17<sup>th</sup> Street, Suite 1000  
Denver, Colorado 80202

Re: Red Wash Unit  
Uintah County, Utah

Gentlemen:

On December 30, 1999, we received an indenture whereby Chevron U.S.A. Inc. resigned as Unit Operator and Shenandoah Energy Inc. was designated as Successor Unit Operator for the Red Wash Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 4, 2000. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Red Wash Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0969 will be used to cover all operations within the Red Wash Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

cc: Chevron U.S.A. Inc.

bcc: Field Manager - Vernal (w/enclosure)  
~~Shenandoah Energy Inc.~~  
Minerals Adjudication Group U-932  
File - Red Wash Unit (w/enclosure)  
MMS - Data Management Division  
Agr. Sec. Chron  
Fluid Chron

UT931:TAThompson:tt:2/4/00

# SHENANDOAH ENERGY INC.

11002 E. 17500 S.  
VERNAL, UT 84078  
PHONE: (435) 781-4300  
FAX: (435) 781-4329

## RED WASH UNIT

RW #11 (34-27B)	SWSE-27-7S-23E	43-047-15142
RW #14 (14-13B)	SWSW-13-7S-23E	43-047-15144
RW #148 (13-22B)	NWSW-22-7S-23E	43-047-15261
RW #156 (23-15B)	NESW-15-7S-23E	43-047-15267
RW #17 (41-20B)	NENE-20-7S-23E	43-047-15146
RW #173 (21-21B)	NENW-21-7S-23E	43-047-16496
RW #174 (21-20B)	NENW-20-7S-23E	43-047-15281
RW #182 (14-21B)	SWSW-21-7S-23E	43-047-16497
RW #183 (33-13B)	NWSE-13-7S-23E	43-047-15289
RW #185 (41-14B)	NENE-14-7S-23E	43-047-16498
RW #2 (14-24B)	SWSW-24-7S-23E	43-047-16472
RW #23 (21-23B)	NENW-23-7S-23E	43-047-15151
RW #25 (23-23B)	NESW-23-7S-23E	43-047-16476
RW #261 (23-17B)	NESW-17-7S-23E	43-047-32739
RW #264 (31-35B)	NWNE-35-7S-23E	43-047-30519
RW #268 (43-17B)	NESE-17-7S-23E	43-047-32980
RW #275 (31-26B)	NWNE-26-7S-23E	43-047-31077
RW #279 (11-36B)	NWNW-36-7S-23E	43-047-31052
RW #34 (-23-14B)	NESW-14-7S-23E	43-047-15161
RW #56 (41-28B)	NENE-28-7S-23E	43-047-15182
RW #59 (12-24B)	SWNW-24-7S-23E	43-047-16477
RW #6 (41-21B)	NENE-21-7S-23E	43-047-16482
RW #91 (33-22B)	NWSE-22-7S-23E	43-047-16479
RW #93 (43-27B)	NESE-27-7S-23E	43-047-16480
RW #134 (14-28B)	SWSW-28-7S-23E	43-047-16489
RW #139 (43-29B)	NESE-29-7S-23E	43-047-16490
RW #150 (31-22B)	NWSE-22-7S-23E	43-047-15263
RW #16 (43-28B)	NESE-28-7S-23E	43-047-16475
RW #170 (41-15B)	NENE-15-7S-23E	43-047-16495
RW #263 (24-26B)	SESW-26-7S-23E	43-047-30518
RW #265 (44-26B)	SESE-26-7S-23E	43-047-30520
RW #266 (33-26B)	NWSE-26-7S-23E	43-047-30521
RW #269 (13-26B)	NWSW-26-7S-23E	43-047-30522
RW #271 (42-35B)	SENE-35-7S-23E	43-047-31081
RW #68 (41-13B)	NENE-13-7S-23E	43-047-16485
RW #97 (23-18C)	NESW-18-7S-24E	43-047-15216
RW #7 (41-27B)	NENE-27-7S-23E	43-047-15205
RW #324 (23-16B)	NESW-16-7S-23E	
RW #301 (43-15B)	NESE-15-7S-23E	43-047-31682
RW #100A (43-21A)	NESE-21-7S-22E	43-047-15219
RW #199 (43-22A)	NESE-22-7S-22E	43-047-15301
RW #216 (21-27A)	NENW-21-7S-22E	43-047-30103
RW #258 (34-22A)	SWSE-22-7S-22E	43-047-30458
RW #202 (21-34A)	NENW-34-7S-22E	43-047-15303
RW 3215 (43-28A)	NESE-28-7S-22E	43-047-30058
RW #61 (12-27A)	SWNW-27-7S-22E	43-047-16478
RW #102 (41-24A)	NENE-24-7S-23E	43-047-15221
RW #88 (23-18B)	NESW-18-7S-23E	43-047-15210
RW #283 (43-18B)	NESE-18-7S-23E	43-047-32982
RW #52 (14-18B)	SWSW-18-7S-23E	43-047-15178
RW #161 (14-20B)	SWSW-20-7S-23E	43-047-15271

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: See Attachment  
Field or Unit name: \_\_\_\_\_ API no. \_\_\_\_\_  
Well location: QQ \_\_\_\_\_ section \_\_\_\_\_ township \_\_\_\_\_ range \_\_\_\_\_ county \_\_\_\_\_  
Effective Date of Transfer: \_\_\_\_\_

CURRENT OPERATOR

Transfer approved by:  
Name R.K. Wackowski Company Chevron Production Co.  
Signature [Signature] Address 100 Chevron Rd.  
Title Unit Manager Rangely, Colo. 81648  
Date 7/28/00 Phone (970) 675-3714  
Comments:

NEW OPERATOR

Transfer approved by:  
Name John Conley Company Shenandoah Energy Inc.  
Signature [Signature] Address 11002 E. 17500 S.  
Title District Manager Vernal, UT 84078  
Date 7-21-00 Phone (435) 781-4300  
Comments:

(State use only)  
Transfer approved by [Signature] Title Tech. Services Manager  
Approval Date 8-24-00

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AUG 9 2000

DIVISION OF

# MECHANICAL INTEGRITY TEST CASING OR ANNULUS PRESSURE TEST

U.S. ENVIRONMENTAL PROTECTION AGENCY  
UNDERGROUND INJECTION CONTROL PROGRAM, UIC IMPLEMENTATION SECTION (8P-W-GW)  
999 18TH STREET, SUITE 300, DENVER, CO. 80202-2466

EPA WITNESS: \_\_\_\_\_ DATE: 8-6-02 TIME: 11:00 ☒ AM ☐ PM  
TEST CONDUCTED BY: LYNN SMITH (ADVANTAGE OILFIELD SERV. INC.)  
OTHERS PRESENT: \_\_\_\_\_

WELL NAME: <u>RWU#182(14-21B)</u>	TYPE: <input checked="" type="checkbox"/> ER <input type="checkbox"/> SWD	STATUS: <input checked="" type="checkbox"/> AC <input type="checkbox"/> TA <input type="checkbox"/> UC
FIELD: <u>Red Wash</u>		
WELL LOCATION: <u>SW/SW SEC. 21 T7</u> <input type="checkbox"/> N <input checked="" type="checkbox"/> S <u>R23</u> <input type="checkbox"/> E <input type="checkbox"/> W	COUNTY: <u>UINTAH</u> STATE: <u>UTAH</u>	
OPERATOR: <u>SHENANDOAH ENERGY INC.</u>		
LAST MIT: <u>8-20-97</u>	MAXIMUM ALLOWABLE PRESSURE: <u>2034</u> PSIG	

IS THIS A REGULAR SCHEDULED TEST? ☒ YES ☐ NO

INITIAL TEST FOR PERMIT? ☐ YES ☒ NO

TEST AFTER WELL WORK? ☐ YES ☒ NO

WELL INJECTING DURING TEST? ☒ YES ☐ NO IF YES, RATE: 272 BPD

PRE-TEST CASING/TUBING ANNULUS PRESSURE: 0 PSIG

MIT DATA TABLE		TEST #1		TEST #2		TEST #3	
TUBING		PRESSURE					
INITIAL PRESSURE	<u>1600</u>	PSIG		PSIG		PSIG	
END OF TEST PRESSURE	<u>1600</u>	PSIG		PSIG		PSIG	

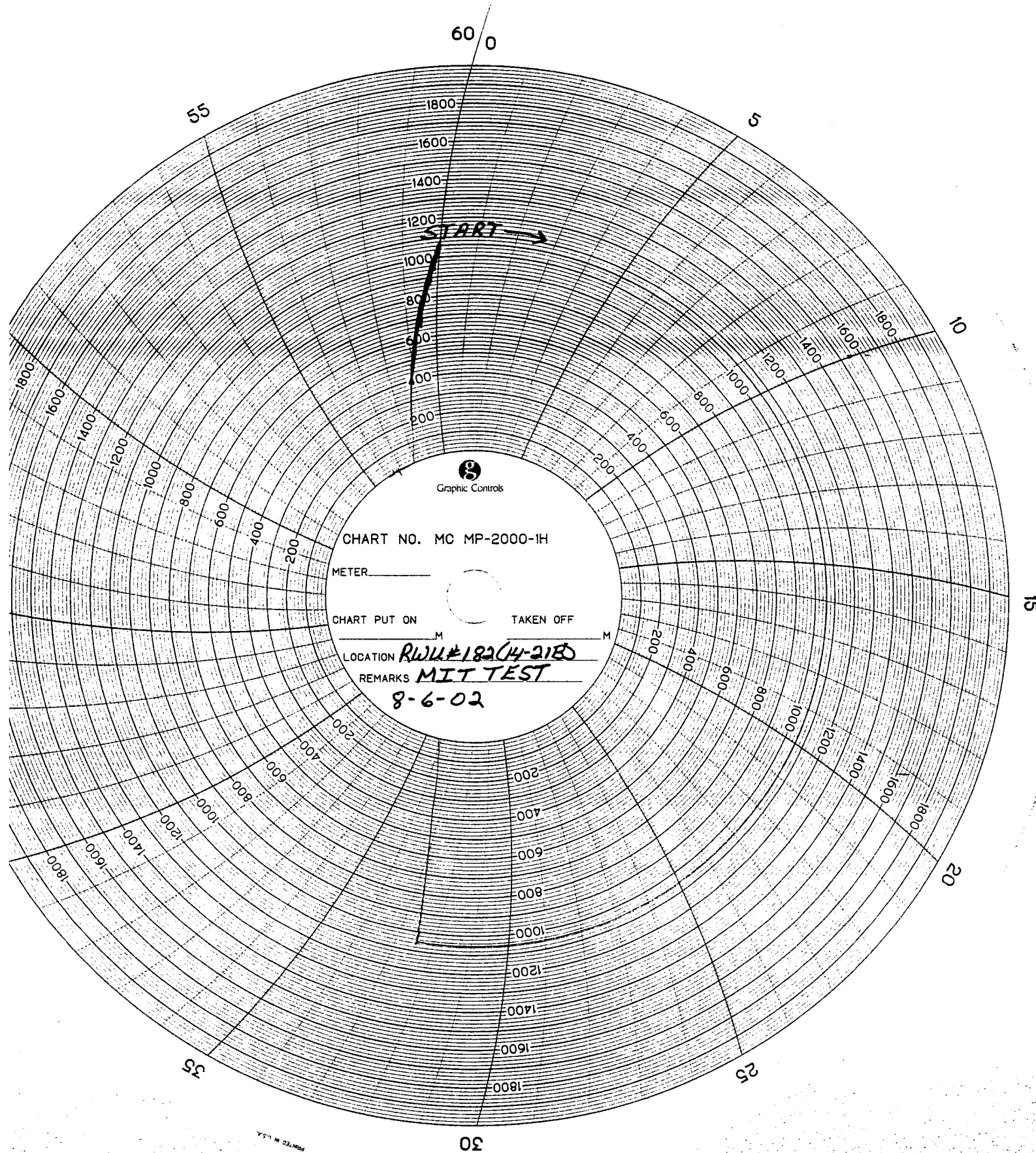
  

CASING/TUBING		ANNULUS		PRESSURE	
0 MINUTES	<u>1060</u>	PSIG		PSIG	
5 MINUTES	<u>1060</u>	PSIG		PSIG	
10 MINUTES	<u>1060</u>	PSIG		PSIG	
15 MINUTES	<u>1060</u>	PSIG		PSIG	
20 MINUTES	<u>1060</u>	PSIG		PSIG	
25 MINUTES	<u>1055</u>	PSIG		PSIG	
30 MINUTES	<u>1055</u>	PSIG		PSIG	
MINUTES		PSIG		PSIG	
MINUTES		PSIG		PSIG	

RESULT	<input checked="" type="checkbox"/> PASS	<input type="checkbox"/> FAIL	<input type="checkbox"/> PASS	<input type="checkbox"/> FAIL	<input type="checkbox"/> PASS	<input type="checkbox"/> FAIL
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DOES THE ANNULUS PRESSURE BUILD BACK UP AFTER THE TEST? ☐ YES ☒ NO



# **SHENANDOAH ENERGY INC.**

---

11002 East 17500 South  
Vernal, Utah 80478  
(435) 781-4300  
Fax (435) 781-4329

August 15, 2002

## **MECHANICAL INTEGRITY TESTS**

**RWU #174 and RWU #182**

**Red Wash Unit**

**Uintah County, Utah**

**Mr. Al Craver**

**Underground Injection Control Program**

**United States Environmental Protection Agency**

**Region VIII**

**999 18th Street – Suite 300**

**Denver, Colorado 80202-2466**

**Dear Mr. Craver,**

Results of a recent mechanical integrity test for the two wells are enclosed.

### **Wellname**

RWU #174 (21-20B)

RWU #182 (14-21B)

### **EPA ID**

UT02411

UT02440

(15281)

(16497)

43-047-16497

Please advise as to the next MIT due date for this well. If you have any questions regarding the tests, please contact me at (435) 781-4301.

**Sincerely,**

  
**J. T. Conley**  
**District Manager**

cc Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, UT 84114-5801  
Attn. Mr. Gil Hunt

U.S Department of the Interior  
Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, UT 84078

**RECEIVED**  
**AUG 16 2002**  
**DIVISION OF**  
**OIL, GAS AND MINING**

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change**

Merger

The operator of the well(s) listed below has changed, effective:

**2/1/2003**

FROM: (Old Operator):	TO: (New Operator):
N4235-Shenandoah Energy Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341	N2460-QEP Uinta Basin Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341

CA No.

Unit:

RED WASH UNIT

## WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	Confid
RWU 199 (43-22A)	22	070S	220E	4304715301	5670	Federal	WI	A	
RWU 258 (34-22A)	22	070S	220E	4304730458	5670	Federal	WI	A	
RWU 216 (21-27A)	27	070S	220E	4304730103	5670	Federal	WI	A	
RWU 215 (43-28A)	28	070S	220E	4304730058	5670	Federal	WI	A	
RWU 202 (21-34A)	34	070S	220E	4304715303	5670	Federal	WI	I	
RWU 183 (33-13B)	13	070S	230E	4304715289	5670	Federal	WI	A	
RWU 185 (41-1B)	14	070S	230E	4304716498	5670	Federal	WI	A	
RWU 170 (41-15B)	15	070S	230E	4304716495	5670	Federal	WI	I	
RWU 268 (43-17B)	17	070S	230E	4304732980	5670	Federal	WI	A	
RWU 174 (21-20B)	20	070S	230E	4304715281	5670	Federal	WI	A	
RWU 173 (21-21B)	21	070S	230E	4304716496	5670	Federal	WI	A	
RWU 182 (14-21B)	21	070S	230E	4304716497	5670	Federal	WI	A	
RWU 23 (21-23B)	23	070S	230E	4304715151	5670	Federal	WI	A	
RWU 25 (23-23B)	23	070S	230E	4304716476	5670	Federal	WI	A	
RWU 2 (14-24B)	24	070S	230E	4304716472	5670	Federal	WI	A	
RWU 263 (24-26B)	26	070S	230E	4304730518	5670	Federal	WI	I	
RWU 266 (33-26B)	26	070S	230E	4304730521	5670	Federal	WI	I	
RWU 213 (41-33B)	33	070S	230E	4304720060	5670	Federal	WD	A	
RWU 264 (31-35B)	35	070S	230E	4304730519	5670	Federal	WI	A	
RWU 23-18C (97)	18	070S	240E	4304715216	5670	Federal	WI	I	

## OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/2/2003
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/2/2003
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/19/2003
4. Is the new operator registered in the State of Utah: YES Business Number: 5292864-0151
5. If NO, the operator was contacted on: \_\_\_\_\_

6. (R649-9-2) Waste Management Plan has been received on:

IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 7/21/2003

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 7/21/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 9/10/2003

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 9/16/2003

2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 9/16/2003

3. Bond information entered in RBDMS on: n/a

4. Fee wells attached to bond in RBDMS on: n/a

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: 965-003-032

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: ESB000024

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 799446

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 965-003-033

2. The **FORMER** operator has requested a release of liability from their bond on: n/a

The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**



Questar Exploration and Production Company  
Independence Plaza  
1050 17th Street, Suite 500  
Denver, CO 80265  
Tel 303 672 6900 • Fax 303 294 9632

Denver Division

May 28, 2003

Division of Oil, Gas, & Mining  
1594 West North Temple, Suite 1210  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801

Attention: John Baza/Jim Thompson

Gentlemen:

This will serve as notice that through the internal corporate changes described below, activities formerly conducted in the name of either Shenandoah Operating Company, LLC (SOC) and/or Shenandoah Energy, Inc. (SEI) will hereafter be conducted in the name of QEP Uinta Basin, Inc.: i) the Shenandoah entities were purchased in July, 2001 by Questar Market Resources, Inc., which is a mid-level holding company for the non-utility businesses of Questar Corporation, ii) Shenandoah Operating Company, LLC has now been merged into Shenandoah Energy, Inc. (SEI), iii) Shenandoah Energy, Inc. has now been re-named **QEP Uinta Basin, Inc.** pursuant to a State of Delaware Amended and Restated Certificate of Incorporation, iv) the same employees will continue to be responsible for operations of the former SOC and SEI properties, both in the field and in the office. Accordingly, the change involves only an internal corporate name change and no third party change of operator is involved. Please alter your records to reflect the entity name change. Attached is a spreadsheet listing all wells affected by this change.

Should you have any questions, please call me at 303 - 308-3056.

Yours truly,

Frank Nielsen  
Division Landman

Enclosure

RECEIVED

JUN 02 2003

DIV. OF OIL, GAS & MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

IN REPLY REFER TO:  
UT-922

June 9, 2003

QEP Uinta Basin, Inc.  
1050 17<sup>th</sup> Street, Suite 500  
Denver, Colorado 80265

Re: Red Wash Unit  
Uintah County, Utah

Gentlemen:

On May 30, 2003, we received an indenture dated February 1, 2003, whereby Shenandoah Energy, Inc. changed its name and QEP Uinta Basin, Inc. was designated as Successor Unit Operator for the Red Wash Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective June 9, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under Red Wash Unit Agreement.

Your nationwide (Eastern States) oil and gas bond No. B000024 will be used to cover all operations within the Red Wash Unit.

It is requested that you notify all interested parties of the name change of unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

### Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
Minerals Adjudication Group  
File – Red Wash Unit (w/enclosure)  
Agr. Sec. Chron  
Fluid Chron

UT922:TAThompson:tt:6/9/03

**JUL 07 2003**

3104 (932.34)WF  
Nationwide Bond ESB000024

**NOTICE**

QEP Uinta Basin, Inc.  
1050 17<sup>th</sup> Street Suite 500  
Denver, Colorado 80265

:  
: Oil and Gas  
: lease  
:

**Name Change Recognized**

Acceptable evidence has been filed in this office concerning the name change of Shenandoah Energy Incorporated into QEP Uinta Basin, Incorporated. QEP Uinta Basin, Incorporated is the surviving entity. This name change is recognized effective April 17, 2003.

Eastern States will notify the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice.

If you identify other leases in which the merging entity maintain an interest, please contact this office and we will appropriately document those files with a copy of this notice.

If you have any questions, please contact Bill Forbes at 703-440-1536.

*S/ Wilbert B. Forbes*

Wilbert B. Forbes  
Land Law Examiner  
Branch of Use Authorization  
Division of Resources Planning,  
Use and Protection

bc: JFO,MMS, ES RF, 930 RF, 932.34 RF, E-932: wbf:07 /07/03:440-1536/ QEP Uinta Basin  
MFO

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number <u>See Attached List</u>	API Number
Location of Well Footage : _____ County : <u>Uintah</u> QQ, Section, Township, Range: _____ State : <u>UTAH</u>	Field or Unit Name <u>Red Wash</u> Lease Designation and Number

EFFECTIVE DATE OF TRANSFER: \_\_\_\_\_

CURRENT OPERATOR

Company: Shenandoah Energy Inc.  
Address: 11002 East 17500 South  
city Vernal state UT zip 84078  
Phone: (435) 781-4300  
Comments:

Name: John Busch  
Signature: John Busch  
Title: District Foreman  
Date: 9-02-03

NEW OPERATOR

Company: QEP Uinta Basin, Inc.  
Address: 11002 East 17500 South  
city Vernal state UT zip 84078  
Phone: \_\_\_\_\_  
Comments:

Name: John Busch  
Signature: John Busch  
Title: District Foreman  
Date: 9-02-03

(This space for State use only)

Transfer approved by: [Signature]  
Title: Permit Services Manager

Approval Date: 9-10-03

Comments: Case #105-01  
located in Indian Country, EPA  
is primary use agency.

RECEIVED  
SEP 04 2003  
DIV. OF OIL, GAS & MINING

well_name	Sec	T	R	api	Entity	Lease Type	type	stat	Field	Footages
RED WASH UNIT 261	17	070S	230E	4304732739	5670	Federal	WI	A	Red Wash	1785 FSL, 1843 FWL
RWU 100-A (43-21A)	21	070S	220E	4304715219	5670	Federal	WI	A	Red Wash	1787 FSL, 534 FEL
RWU 102 (41-24A)	24	070S	220E	4304715221	5670	Federal	WI	A	Red Wash	1360 FNL, 660 FEL
RWU 11	27	070S	230E	4304715142	5670	Federal	WI	A	Red Wash	660 FSL, 2030 FEL
RWU 11-19B	19	070S	230E	4304733552	5670	Federal	WI	A	Red Wash	618 FNL, 477 FWL
RWU 11-20B	20	070S	230E	4304733553	5670	Federal	WI	A	Red Wash	761 FNL, 677 FWL
RWU 11-25A	25	070S	220E	4304733574	5670	Federal	WI	A	Red Wash	1206 FNL, 491 FWL
RWU 11-29B	29	070S	230E	4304733590	5670	Federal	WI	A	Red Wash	786 FNL, 819 FWL
RWU 11-30B	30	070S	230E	4304733785	5670	Federal	WI	A	Red Wash	590 FNL, 787 FWL
RWU 12-24A	24	070S	220E	4304733591	5670	Federal	WI	A	Red Wash	1528 FNL, 930 FWL
RWU 13-19B	19	070S	230E	4304733497	5670	Federal	WI	A	Red Wash	1802 FSL, 374 FWL
RWU 13-20B	20	070S	230E	4304733498	5670	Federal	WI	A	Red Wash	2143' FSL, 704' FWL
RWU 13-25A	25	070S	220E	4304733575	5670	Federal	WI	A	Red Wash	1446 FSL, 664 FWL
RWU 14 (14-13B)	13	070S	230E	4304715144	5670	Federal	WI	A	Red Wash	660 FSL, 660 FWL
RWU 148 (13-22B)	22	070S	230E	4304715261	5670	Federal	WI	A	Red Wash	2073 FSL, 660 FWL
RWU 150 (31-22B)	22	070S	230E	4304715263	5670	Federal	WI	I	Red Wash	595 FNL, 1935 FEL
RWU 156 (23-15B)	15	070S	230E	4304715267	5670	Federal	WI	A	Red Wash	2115 FSL, 1982 FWL
RWU 16 (43-28B)	28	070S	230E	4304716475	5670	Federal	WI	I	Red Wash	1980 FSL, 660 FEL
RWU 161 (14-20B)	20	070S	230E	4304715271	5670	Federal	WI	I	Red Wash	660 FSL, 678 FWL
RWU 17 (41-20B)	20	070S	230E	4304715146	5670	Federal	WI	A	Red Wash	660 FNL, 660 FEL
RWU 170 (41-15B)	15	070S	230E	4304716495	5670	Federal	WI	I	Red Wash	660 FNL, 660 FEL
RWU 173 (21-21B)	21	070S	230E	4304716496	5670	Federal	WI	A	Red Wash	660 FNL, 1980 FWL
RWU 174 (21-20B)	20	070S	230E	4304715281	5670	Federal	WI	A	Red Wash	660 FNL, 1980 FWL
RWU 182 (14-21B)	21	070S	230E	4304716497	5670	Federal	WI	A	Red Wash	629 FSL, 652 FWL
RWU 183 (33-13B)	13	070S	230E	4304715289	5670	Federal	WI	A	Red Wash	1833 FSL, 2027 FEL
RWU 185 (41-1B)	14	070S	230E	4304716498	5670	Federal	WI	A	Red Wash	747 FNL, 660 FEL
RWU 199 (43-22A)	22	070S	220E	4304715301	5670	Federal	WI	A	Red Wash	1980 FSL, 658 FEL
RWU 2 (14-24B)	24	070S	230E	4304716472	5670	Federal	WI	A	Red Wash	735 FSL, 790 FWL
RWU 202 (21-34A)	34	070S	220E	4304715303	5670	Federal	WI	I	Red Wash	660 FNL, 1980 FWL
RWU 213 (41-33B)	33	070S	230E	4304720060	5670	Federal	WD	A	Red Wash	660 FNL, 580 FEL
RWU 215 (43-28A)	28	070S	220E	4304730058	5670	Federal	WI	A	Red Wash	1980' FSL, 661 FEL
RWU 216 (21-27A)	27	070S	220E	4304730103	5670	Federal	WI	A	Red Wash	660 FNL, 1976 FWL
RWU 23 (21-23B)	23	070S	230E	4304715151	5670	Federal	WI	A	Red Wash	695 FNL, 2015 FWL
RWU 23-18C (97)	18	070S	240E	4304715216	5670	Federal	WI	I	Red Wash	1956 FSL, 1699 FWL
RWU 25 (23-23B)	23	070S	230E	4304716476	5670	Federal	WI	A	Red Wash	1980 FSL, 1980 FWL
RWU 258 (34-22A)	22	070S	220E	4304730458	5670	Federal	WI	A	Red Wash	885 FSL, 2025 FEL

RWU 263 (24-26B)	26	070S	230E	4304730518	5670 Federal	WI	I	Red Wash	591 FSL, 2007 FWL
RWU 264 (31-35B)	35	070S	230E	4304730519	5670 Federal	WI	A	Red Wash	687 FNL, 2025 FEL
RWU 266 (33-26B)	26	070S	230E	4304730521	5670 Federal	WI	I	Red Wash	1980 FSL, 1980 FEL
RWU 268 (43-17B)	17	070S	230E	4304732980	5670 Federal	WI	A	Red Wash	1924 FSL, 981 FEL
RWU 269 (13-26B)	26	070S	230E	4304730522	5670 Federal	WI	I	Red Wash	2170' FSL, 670' FWL
RWU 271 (42-35B)	35	070S	230E	4304731081	5670 Federal	WI	I	Red Wash	1979 FNL, 660 FEL
RWU 274 (13-25B)	25	070S	230E	4304731083	5670 Federal	WI		Red Wash	2129 FSL, 659 FWL
RWU 275 (31-26B)	26	070S	230E	4304731077	5670 Federal	WI	A	Red Wash	675 FNL, 1869 FEL
RWU 279 (11-36B)	36	070S	230E	4304731052	5670 Federal	WI	A	Red Wash	659 FNL, 660 FWL
RWU 283 (43-18B)	18	070S	230E	4304732982	5670 Federal	WI	A	Red Wash	1899 FSL, 708 FEL
RWU 31-19B	19	070S	230E	4304733555	5670 Federal	WI	A	Red Wash	601 FNL, 1770 FEL
RWU 31-25A	25	070S	220E	4304733577	5670 Federal	WI	A	Red Wash	1248 FNL, 2159 FEL
RWU 31-30B	30	070S	230E	4304733788	5670 Federal	WI	A	Red Wash	950 FNL, 1943 FEL
RWU 33-19B	19	070S	230E	4304733499	5670 Federal	WI	A	Red Wash	2606 FSL, 1851 FEL
RWU 33-20B	20	070S	230E	4304733500	5670 Federal	WI	A	Red Wash	2210 FSL, 2295 FEL
RWU 33-25A	25	070S	220E	4304733578	5670 Federal	WI	A	Red Wash	1413 FSL, 1809 FEL
RWU 33-30B	30	070S	230E	4304733790	5670 Federal	WI	A	Red Wash	1775 FSL, 1937 FEL
RWU 34 (23-14B)	14	070S	230E	4304715161	5670 Federal	WI	A	Red Wash	1980 FSL, 1980 FWL
RWU 34-13A	13	070S	220E	4304733593	5670 Federal	WI	A	Red Wash	1302 FSL, 1725 FEL
RWU 34-24A	24	070S	220E	4304733568	5670 Federal	WI	A	Red Wash	1295 FSL, 2125 FEL
RWU 48 (32-19B)	19	070S	230E	4304715174	5670 Federal	WI	I	Red Wash	1830 FNL, 1980 FEL
RWU 56 (41-28B)	28	070S	230E	4304715182	5670 Federal	WI	A	Red Wash	660 FNL, 660 FEL
RWU 59 (12-24B)	24	070S	230E	4304716477	5670 Federal	WI	A	Red Wash	1980 FNL, 660 FWL
RWU 6 (41-21B)	21	070S	230E	4304716482	5670 Federal	WI	A	Red Wash	660' FNL, 660 FEL
RWU 61 (12-27A)	27	070S	220E	4304716478	5670 Federal	WI	I	Red Wash	2034 FNL, 689 FWL
RWU 68 (41-13B)	13	070S	230E	4304716485	5670 Federal	WI	I	Red Wash	660 FNL, 660 FEL
RWU 7 (41-27B)	27	070S	230E	4304716473	5670 Federal	WI	I	Red Wash	567 FNL, 621 FEL
RWU 88 (23-18B)	18	070S	230E	4304715210	5670 Federal	WI	A	Red Wash	1980 FSL, 1980 FWL
RWU 91 (33-22B)	22	070S	230E	4304716479	5670 Federal	WI	A	Red Wash	1980 FSL, 3300 FWL
RWU 93 (43-27B)	27	070S	230E	4304716480	5670 Federal	WI	I	Red Wash	660 FSL, 660 FEL
RWU 324 (23-16B)	16	070S	230E	4304733084	5670 State	WI	I	Red Wash	1274 FSL, 1838 FWL

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ
2. CDW

Change of Operator (Well Sold)

**X - Operator Name Change/Merger**

The operator of the well(s) listed below has changed, effective:

**1/1/2007**

<b>FROM: (Old Operator):</b> N2460-QEP Uinta Basin, Inc. 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 672-6900	<b>TO: ( New Operator):</b> N5085-Questar E&P Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 672-6900
---	--

CA No.				Unit:	RED WASH UNIT			
WELL NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LISTS				*				

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/19/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/16/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/31/2005
- Is the new operator registered in the State of Utah: Business Number: 764611-0143
- (R649-9-2) Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: n/a
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 4/23/2007 BIA
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 4/23/2007
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: \_\_\_\_\_
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 4/30/2007 and 5/15/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 4/30/2007 and 5/15/2007
- Bond information entered in RBDMS on: 4/30/2007 and 5/15/2007
- Fee/State wells attached to bond in RBDMS on: 4/30/2007 and 5/15/2007
- Injection Projects to new operator in RBDMS on: 4/30/2007 and 5/15/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 799446
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965003033
- The **FORMER** operator has requested a release of liability from their bond on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS: THIS IS A COMPANY NAME CHANGE.**

**SOME WELL NAMES HAVE BEEN CHANGED AS REQUESTED**

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
RED WASH UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 1 (41-26B)	RW 41-26B	NENE	26	070S	230E	4304715135	5670	Federal	OW	TA
RWU 3 (34-23B)	RW 34-23B	SWSE	23	070S	230E	4304715136	5670	Federal	OW	P
RWU 4 (41-22B)	RW 41-22B	NENE	22	070S	230E	4304715137	5670	Federal	OW	TA
RWU 5 (41-23B)	RW 41-23B	NENE	23	070S	230E	4304715138	5670	Federal	OW	P
RWU 8 (32-22B)	RW 32-22B	SWNE	22	070S	230E	4304715139	5670	Federal	OW	P
RWU 9 (43-23B)	RW 43-23B	NESE	23	070S	230E	4304715140	5670	Federal	OW	P
RWU 10 (12-23B)	RW 12-23B	SWNW	23	070S	230E	4304715141	5670	Federal	OW	TA
RWU 11	RW 34-27B	SWSE	27	070S	230E	4304715142	99996	Federal	WI	A
RWU 13 (14-22B)	RW 14-22B	SWSW	22	070S	230E	4304715143	5670	Federal	OW	TA
RW 14-13B	RW 14-13B	SWSW	13	070S	230E	4304715144	99996	Federal	WI	A
RWU 15 (32-17C)	RW 32-17C	SWNE	17	070S	240E	4304715145	5670	Federal	OW	P
RWU 17 (41-20B)	RW 41-20B	NENE	20	070S	230E	4304715146	5670	Federal	WI	A
RWU 19 (34-26B)	RW 34-26B	SWSE	26	070S	230E	4304715148	5670	Federal	GW	S
RWU 21 (32-14B)	RW 32-14B	SWNE	14	070S	230E	4304715150	5670	Federal	OW	P
RWU 23 (21-23B)	RW 21-23B	SENW	23	070S	230E	4304715151	99996	Federal	WI	A
RWU 24 (34-14B)	RW 34-14B	SWSE	14	070S	230E	4304715152	5670	Federal	OW	S
RWU 26 (23-22B)	RW 23-22B	NESW	22	070S	230E	4304715153	5670	Federal	OW	TA
RWU 27 (43-14B)	RW 43-14B	NESE	14	070S	230E	4304715154	5670	Federal	OW	TA
RWU 28 (43-22B)	RW 43-22B	NESE	22	070S	230E	4304715155	5670	Federal	OW	P
RWU 29 (32-23B)	RW 32-23B	SWNE	23	070S	230E	4304715156	5670	Federal	OW	P
RW 23-13B	RW 23-13B	NESW	13	070S	230E	4304715157	5670	Federal	GW	TA
RWU 31 (34-22B)	RW 34-22B	SWSE	22	070S	230E	4304715158	5670	Federal	OW	P
RWU 33 (14-14B)	RW 14-14B	SWSW	14	070S	230E	4304715160	5670	Federal	GW	TA
RWU 34 (23-14B)	RW 23-14B	NESW	14	070S	230E	4304715161	99996	Federal	WI	A
RW 43-13B	RW 43-13B	NESE	13	070S	230E	4304715162	5670	Federal	OW	TA
RWU 36 (32-13B)	RW 32-13B	SWNE	13	070S	230E	4304715163	5670	Federal	GW	P
RWU 38 (14-23B)	RW 14-23B	SWSW	23	070S	230E	4304715165	5670	Federal	OW	P
RWU 39 (14-24A)	RW 14-24A	SWSW	24	070S	220E	4304715166	5670	Federal	OW	TA
RWU 40 (21-24B)	RW 21-24B	NENW	24	070S	230E	4304715167	5670	Federal	OW	TA
RWU 41 (34-13B)	RW 34-13B	SWSE	13	070S	230E	4304715168	5670	Federal	OW	P
RWU 42 (21-29C)	RW 21-29C	NENW	29	070S	240E	4304715169	5670	Federal	GW	P
RWU 43 (12-17B)	RW 12-17B	SWNW	17	070S	230E	4304715170	5670	Federal	OW	P
RWU 44 (32-33C)	RW 32-33C	SWNE	33	070S	240E	4304715171	5670	Federal	GW	P
RWU 45 (23-30B)	RW 23-30B	NESW	30	070S	230E	4304715172	5670	Federal	OW	TA
RWU 46 (41-21C)	RW 41-21C	NENE	21	070S	240E	4304715173	5670	Federal	GW	TA
RWU 48 (32-19B)	RW 32-19B	SWNE	19	070S	230E	4304715174	99996	Federal	WI	I
RWU 49 (12-29B)	RW 12-29B	SWNW	29	070S	230E	4304715175	5670	Federal	OW	TA
RWU 50 (14-23A)	RW 14-23A	SWSW	23	070S	220E	4304715176	5670	Federal	OW	P
RWU 52 (14-18B)	RW 14-18B	SWSW	18	070S	230E	4304715178	5670	Federal	OW	TA
RWU 53 (41-25A)	RW 41-25A	NENE	25	070S	220E	4304715179	5670	Federal	OW	TA
RWU 56 (41-28B)	RW 41-28B	NENE	28	070S	230E	4304715182	99996	Federal	WI	A

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 57 (12-18C)	RW 12-18C	SWNW	18	070S	240E	4304715183	5670	Federal	OW	P
RWU 63 (21-22B)	RW 21-22B	NENW	22	070S	230E	4304715186	5670	Federal	GW	TA
RWU 64 (32-27B)	RW 32-27B	SWNE	27	070S	230E	4304715187	5670	Federal	OW	TA
RWU 66 (34-18B)	RW 34-18B	SWSE	18	070S	230E	4304715189	5670	Federal	OW	P
RWU 67 (42-22B)	RW 42-22B	SENE	22	070S	230E	4304715190	5670	Federal	OW	TA
RWU 69 (21-27B)	RW 21-27B	NENW	27	070S	230E	4304715191	5670	Federal	OW	TA
RWU 70 (23-22A)	RW 23-22A	NESW	22	070S	220E	4304715192	5670	Federal	OW	P
RWU 71 (21-18C)	RW 21-18C	NENW	18	070S	240E	4304715193	5670	Federal	OW	P
RWU 72 (23-27B)	RW 23-27B	NESW	27	070S	230E	4304715194	5670	Federal	OW	TA
RWU 74 (12-13B)	RW 12-13B	SWNW	13	070S	230E	4304715196	5670	Federal	GW	S
RWU 75 (21-26B)	RW 21-26B	NENW	26	070S	230E	4304715197	5670	Federal	OW	TA
RWU 76 (32-18C)	RW 32-18C	SWNE	18	070S	240E	4304715198	5670	Federal	GW	P
RWU 77 (21-13B)	RWU 77 (21-13B)	NENW	13	070S	230E	4304715199	5670	Federal	OW	P
RWU 78 (32-28B)	RW 32-28B	SWNE	28	070S	230E	4304715200	5670	Federal	OW	P
RWU 79 (12-27B)	RW 12-27B	SWNW	27	070S	230E	4304715201	5670	Federal	OW	TA
RWU 80 (14-27B)	RW 14-27B	SWSW	27	070S	230E	4304715202	5670	Federal	OW	S
RWU 81 (41-31B)	RW 41-31B	NENE	31	070S	230E	4304715203	5670	Federal	OW	P
RWU 83 (41-27A)	RW 41-27A	NENE	27	070S	220E	4304715205	5670	Federal	OW	P
RWU 84 (44-14B)	RW 44-14B	SESE	14	070S	230E	4304715206	5670	Federal	GW	P
RWU 88 (23-18B)	RW 23-18B	NESW	18	070S	230E	4304715210	5670	Federal	WI	A
RWU 90 (43-21B)	RW 43-21B	NESE	21	070S	230E	4304715211	5670	Federal	OW	P
RWU 92 (11-23B)	RW 11-23B	NWNW	23	070S	230E	4304715212	5670	Federal	OW	TA
RWU 94 (12-22A)	RW 12-22A	SWNW	22	070S	220E	4304715213	5670	Federal	OW	P
RWU 23-18C (97)	RW 23-18C	NESW	18	070S	240E	4304715216	99996	Federal	WI	I
RWU 99 (12-22B)	RW 12-22B	SWNW	22	070S	230E	4304715218	5670	Federal	OW	P
RWU 100-A (43-21A)	RW 43-21A	NESE	21	070S	220E	4304715219	5670	Federal	WI	A
RWU 101 (34-21B)	RW 34-21B	SWSE	21	070S	230E	4304715220	5670	Federal	OW	P
RWU 102 (41-24A)	RW 41-24A	SENE	24	070S	220E	4304715221	5670	Federal	WI	A
RWU 103 (34-15B)	RW 34-15B	SWSE	15	070S	230E	4304715222	5670	Federal	OW	P
RWU 108 (32-21B)	RW 32-21B	SWNE	21	070S	230E	4304715226	5670	Federal	OW	P
RWU 109 (21-28B)	RW 21-28B	NENW	28	070S	230E	4304715227	5670	Federal	OW	P
RWU 110 (23-23A)	RW 23-23A	NESW	23	070S	220E	4304715228	5670	Federal	OW	P
RWU 111 (32-24A)	RW 32-24A	SWNE	24	070S	220E	4304715229	5670	Federal	OW	S
RWU 112 (32-28A)	RW 32-28A	SWNE	28	070S	220E	4304715230	5670	Federal	OW	S
RWU 115 (21-19B)	RW 21-19B	NENW	19	070S	230E	4304715233	5670	Federal	OW	P
RWU 119 (43-29A)	RW 43-29A	NESE	29	070S	220E	4304715236	5670	Federal	OW	P
RWU 120 (23-28B)	RW 23-28B	NESW	28	070S	230E	4304715237	5670	Federal	OW	TA
RW 13-13B	RW 13-13B	NWSW	13	070S	230E	4304715238	5670	Federal	GW	P
RWU 122 (24-14B)	RW 24-14B	SESW	14	070S	230E	4304715239	5670	Federal	OW	P
RWU 125 (34-19B)	RW 34-19B	SWSE	19	070S	230E	4304715242	5670	Federal	OW	TA
RWU 126 (41-29A)	RW 41-29A	NENE	29	070S	220E	4304715243	5670	Federal	OW	P

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)  
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Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 127 (12-19B)	RW 12-19B	SWNW	19	070S	230E	4304715244	5670	Federal	OW	S
RWU 129 (14-15B)	RW 14-15B	SWSW	15	070S	230E	4304715246	5670	Federal	OW	P
RWU 133 (41-34B)	RW 41-34B	NENE	34	070S	230E	4304715250	5670	Federal	OW	P
RWU 136 (43-19B)	RW 43-19B	NESE	19	070S	230E	4304715252	5670	Federal	OW	TA
RWU 137 (34-28B)	RW 34-28B	SWSE	28	070S	230E	4304715253	5670	Federal	GW	TA
RWU 138 (41-30B)	RW 41-30B	NENE	30	070S	230E	4304715254	5670	Federal	OW	P
RWU 140 (24-22B)	RW 24-22B	SESW	22	070S	230E	4304715255	5670	Federal	OW	P
RWU 141 (11-27B)	RW 11-27B	NWNW	27	070S	230E	4304715256	5670	Federal	OW	TA
RWU 143 (33-14B)	RW 33-14B	NWSE	14	070S	230E	4304715257	5670	Federal	OW	P
RWU 144 (21-18B)	RW 21-18B	NENW	18	070S	230E	4304715258	5670	Federal	OW	TA
RW 24-13B	RW 24-13B	SESW	13	070S	230E	4304715259	5670	Federal	OW	TA
RWU 147 (22-22B)	RW 22-22B	SESW	22	070S	230E	4304715260	5670	Federal	OW	TA
RWU 148 (13-22B)	RW 13-22B	NWSW	22	070S	230E	4304715261	99996	Federal	WI	A
RWU 150 (31-22B)	RW 31-22B	NWNE	22	070S	230E	4304715263	99996	Federal	WI	I
RWU 151 (42-14B)	RW 42-14B	SENE	14	070S	230E	4304715264	5670	Federal	OW	P
RWU 153 (14-29B)	RW 14-29B	SWSW	29	070S	230E	4304715265	5670	Federal	OW	P
RWU 156 (23-15B)	RW 23-15B	NESW	15	070S	230E	4304715267	99990	Federal	WI	A
RWU 158 (32-30B)	RW 32-30B	SWNE	30	070S	230E	4304715268	5670	Federal	OW	P
RWU 160 (32-15B)	RW 32-15B	SWNE	15	070S	230E	4304715270	5670	Federal	OW	P
RWU 161 (14-20B)	RW 14-20B	SWSW	20	070S	230E	4304715271	99996	Federal	WI	I
RWU 162 (12-20B)	RW 12-20B	SWNW	20	070S	230E	4304715272	5670	Federal	OW	P
RWU 164 (12-28B)	RW 12-28B	SWNW	28	070S	230E	4304715274	5670	Federal	OW	P
RWU 165 (32-26B)	RW 32-26B	SWNE	26	070S	230E	4304715275	5670	Federal	GW	TA
RWU 167 (23-21B)	RW 23-21B	NESW	21	070S	230E	4304715277	5670	Federal	OW	S
RWU 168 (23-24B)	RW 23-24B	NESW	24	070S	230E	4304715278	5670	Federal	OW	TA
RWU 172 (21-30B)	RW 21-30B	NENW	30	070S	230E	4304715280	5670	Federal	OW	TA
RWU 174 (21-20B)	RW 21-20B	NENW	20	070S	230E	4304715281	5670	Federal	WI	A
RWU 176 (31-28B)	RW 31-28B	NWNE	28	070S	230E	4304715283	5670	Federal	OW	TA
RWU 177 (42-28B)	RW 42-28B	SENE	28	070S	230E	4304715284	5670	Federal	OW	TA
RW 22-13B	RW 22-13B	SESW	13	070S	230E	4304715285	5670	Federal	OW	TA
RWU 180 (31-23B)	RW 31-23B	NWNE	23	070S	230E	4304715287	5670	Federal	OW	TA
RWU 181 (34-30B)	RW 34-30B	SWSE	30	070S	230E	4304715288	5670	Federal	OW	P
RW 33-13B	RW 33-13B	NWSE	13	070S	230E	4304715289	5670	Federal	WI	A
RWU 184 (23-26B)	RW 23-26B	NESW	26	070S	230E	4304715290	5670	Federal	GW	S
RWU 188 (23-20B)	RW 23-20B	NESW	20	070S	230E	4304715291	5670	Federal	OW	TA
RWU 192 (41-33A)	RW 41-33A	NENE	33	070S	220E	4304715294	5670	Federal	OW	P
RWU 193 (43-24B)	RW 43-24B	NESE	24	070S	230E	4304715295	5670	Federal	GW	TA
RWU 194 (12-14B)	RW 12-14B	SWNW	14	070S	230E	4304715296	5670	Federal	OW	S
RWU 196 (23-17C)	RW 23-17C	NESW	17	070S	240E	4304715298	5670	Federal	GW	TA
RWU 199 (43-22A)	RW 43-22A	NESE	22	070S	220E	4304715301	99996	Federal	WI	A
RWU 201 (32-28C)	RW 32-28C	SWNE	28	070S	240E	4304715302	5670	Federal	GW	P

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Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 202 (21-34A)	RW 21-34A	NENW	34	070S	220E	4304715303	99996	Federal	WI	I
RWU 204 (23-25A)	RW 23-25A	NESW	25	070S	220E	4304715305	5670	Federal	OW	P
RWU 205 (23-21C)	RW 23-21C	NESW	21	070S	240E	4304715306	5670	Federal	GW	TA
RWU 2 (14-24B)	RW 14-24B	SWSW	24	070S	230E	4304716472	99996	Federal	WI	A
RWU 7 (41-27B)	RW 41-27B	NENE	27	070S	230E	4304716473	99996	Federal	WI	I
RWU 16 (43-28B)	RW 43-28B	NESE	28	070S	230E	4304716475	99996	Federal	WI	I
RWU 25 (23-23B)	RW 23-23B	NESW	23	070S	230E	4304716476	99996	Federal	WI	A
RWU 59 (12-24B)	RW 12-24B	SWNW	24	070S	230E	4304716477	99996	Federal	WI	A
RWU 61 (12-27A)	RW 12-27A	SWNW	27	070S	220E	4304716478	99996	Federal	WI	I
RWU 91 (33-22B)	RW 33-22B	NWSE	22	070S	230E	4304716479	99996	Federal	WI	A
RWU 93 (43-27B)	RW 43-27B	NESE	27	070S	230E	4304716480	99996	Federal	WI	I
RWU 6 (41-21B)	RW 41-21B	NENE	21	070S	230E	4304716482	99996	Federal	WI	A
RWU 68 (41-13B)	RW 41-13B	NENE	13	070S	230E	4304716485	99996	Federal	WI	I
RWU 170 (41-15B)	RW 41-15B	NENE	15	070S	230E	4304716495	99996	Federal	WI	I
RWU 173 (21-21B)	RW 21-21B	NENW	21	070S	230E	4304716496	99996	Federal	WI	A
RWU 182 (14-21B)	RW 14-21B	SWSW	21	070S	230E	4304716497	99996	Federal	WI	A
RWU 185 (41-1B)	RW 41-14B	NENE	14	070S	230E	4304716498	99996	Federal	WI	A
RWU 212 (41-8F)	RW 41-8F	NENE	08	080S	240E	4304720014	5670	Federal	GW	P
RWU 213 (41-33B)	RW 41-33B	NENE	33	070S	230E	4304720060	99996	Federal	WD	A
RWU 215 (43-28A)	RW 43-28A	NESE	28	070S	220E	4304730058	99996	Federal	WD	A
RWU 216 (21-27A)	RW 21-27A	NENW	27	070S	220E	4304730103	99996	Federal	WI	A
RWU 219 (44-21C)	RW 44-21C	SESE	21	070S	240E	4304730149	5670	Federal	GW	S
RWU 220 (22-23B)	RW 22-23B	SESE	23	070S	230E	4304730192	5670	Federal	OW	TA
RWU 221 (13-27B)	RW 13-27B	NWSW	27	070S	230E	4304730199	5670	Federal	OW	TA
RWU 222 (31-27B)	RW 31-27B	NWNE	27	070S	230E	4304730200	5670	Federal	GW	TA
RWU 224 (44-22B)	RW 44-22B	SESE	22	070S	230E	4304730202	5670	Federal	GW	TA
RWU 225 (13-23B)	RW 13-23B	NWSW	23	070S	230E	4304730212	5670	Federal	GW	TA
RWU 226 (24-23B)	RW 24-23B	SESW	23	070S	230E	4304730249	5670	Federal	GW	S
RWU 227 (14-26B)	RW 14-26B	SWSW	26	070S	230E	4304730257	5670	Federal	OW	TA
RWU 228 (21-34B)	RW 21-34B	NENW	34	070S	230E	4304730258	5670	Federal	OW	P
RWU 229 (43-26B)	RW 43-26B	NESE	26	070S	230E	4304730259	5670	Federal	OW	TA
RWU 230 (14-18C)	RW 14-18C	SWSW	18	070S	240E	4304730309	5670	Federal	OW	P
RWU 231 (21-35B)	RW 21-35B	NENW	35	070S	230E	4304730310	5670	Federal	OW	TA
RWU 232 (12-26B)	RW 12-26B	SWNW	26	070S	230E	4304730311	5670	Federal	OW	TA
RWU 233 (12-25B)	RW 12-25B	SWNW	25	070S	230E	4304730312	5670	Federal	OW	TA
RWU 234 (32-24B)	RW 32-24B	SWNE	24	070S	230E	4304730313	5670	Federal	OW	P
RWU 235 (34-18C)	RW 34-18C	SWSE	18	070S	240E	4304730314	5670	Federal	OW	S
RWU 236 (21-19C)	RW 21-19C	NENW	19	070S	240E	4304730340	5670	Federal	GW	P
RWU 237 (14-25B)	RW 14-25B	SWSW	25	070S	230E	4304730341	5670	Federal	OW	P
RWU 238 (32-35B)	RW 32-35B	SWNE	35	070S	230E	4304730342	5670	Federal	OW	TA
RWU 239 (41-35B)	RW 41-35B	NENE	35	070S	230E	4304730343	5670	Federal	OW	TA

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Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 240 (12-36B)	RW 12-36B	SWNW	36	070S	230E	4304730344	5670	Federal	OW	S
RWU 241 (22-14B)	RW 22-14B	SENW	14	070S	230E	4304730345	5670	Federal	OW	P
RW 42-13B	RW 42-13B	SENE	13	070S	230E	4304730346	5670	Federal	OW	P
RWU 243 (42-18C)	RW 42-18C	SENE	18	070S	240E	4304730347	5670	Federal	OW	TA
RWU 244 (23-19C)	RW 23-19C	NESW	19	070S	240E	4304730348	5670	Federal	GW	P
RWU 246 (22-18C)	RW 22-18C	SENW	18	070S	240E	4304730387	5670	Federal	OW	P
RWU 247 (22-17C)	RW 22-17C	SENW	17	070S	240E	4304730388	5670	Federal	GW	P
RWU 258 (34-22A)	RW 34-22A	SWSE	22	070S	220E	4304730458	5670	Federal	WI	A
RWU 262 (22-26B)	RW 22-26B	SENW	26	070S	230E	4304730517	5670	Federal	GW	TA
RWU 263 (24-26B)	RW 24-26B	SESW	26	070S	230E	4304730518	99996	Federal	WI	I
RWU 264 (31-35B)	RW 31-35B	NWNE	35	070S	230E	4304730519	99996	Federal	WI	A
RWU 265 (44-26B)	RW 44-26B	SESE	26	070S	230E	4304730520	5670	Federal	GW	P
RWU 266 (33-26B)	RW 33-26B	NWSE	26	070S	230E	4304730521	99996	Federal	WI	I
RWU 269 (13-26B)	RW 13-26B	NWSW	26	070S	230E	4304730522	99996	Federal	WI	A
RWU 273 (42-27B)	RW 42-27B	SENE	27	070S	230E	4304731051	5670	Federal	OW	TA
RWU 279 (11-36B)	RW 11-36B	NWNW	36	070S	230E	4304731052	99996	Federal	WI	A
RWU 276 (44-27B)	RW 44-27B	SESE	27	070S	230E	4304731053	5670	Federal	OW	TA
RWU 272 (44-23B)	RW 44-23B	SESE	23	070S	230E	4304731054	5670	Federal	GW	P
RWU 278 (11-26)	RW 11-26	NWNW	26	070S	230E	4304731076	5670	Federal	GW	TA
RWU 275 (31-26B)	RW 31-26B	NWNE	26	070S	230E	4304731077	99996	Federal	WI	A
RWU 280 (11-35B)	RW 11-35B	NWNW	35	070S	230E	4304731079	5670	Federal	OW	P
RWU 282 (42-26B)	RW 42-26B	SENE	26	070S	230E	4304731080	5670	Federal	GW	TA
RWU 271 (42-35B)	RW 42-35B	SENE	35	070S	230E	4304731081	5670	Federal	WI	I
RWU 270 (22-35B)	RW 22-35B	SENW	35	070S	230E	4304731082	5670	Federal	OW	P
RWU 284 (33-23B)	RW 33-23B	NWSE	23	070S	230E	4304731476	5670	Federal	GW	TA
RWU 285 (11-24B)	RW 11-24B	NWNW	24	070S	230E	4304731477	5670	Federal	OW	P
RWU 286 (42-21B)	RW 42-21B	SENE	21	070S	230E	4304731478	5670	Federal	OW	P
RW 44-13B	RW 44-13B	SESE	13	070S	230E	4304731512	5670	Federal	OW	TA
RWU 288 (24-27)	RW 24-27	SESW	27	070S	230E	4304731513	5670	Federal	OW	TA
RWU 289 (13-24B)	RW 13-24B	NWSW	24	070S	230E	4304731517	5670	Federal	OW	P
RWU 292 (42-23B)	RW 42-23B	SENE	23	070S	230E	4304731576	5670	Federal	GW	TA
RWU 295 (11-22B)	RW 11-22B	NWNW	22	070S	230E	4304731577	5670	Federal	GW	TA
RWU 296 (12-35B)	RW 12-35B	SWNW	35	070S	230E	4304731578	5670	Federal	OW	S
RWU 297 (24-15B)	RW 24-15B	SESW	15	070S	230E	4304731579	5670	Federal	OW	P
RWU 293 (22-22A)	RW 22-22A	SENW	22	070S	220E	4304731581	5670	Federal	OW	TA
RWU 294 (24-18C)	RW 24-18C	SESW	18	070S	240E	4304731582	5670	Federal	GW	P
RWU 298 (22-27B)	RW 22-27B	SENW	27	070S	230E	4304731679	5670	Federal	OW	TA
RWU 301 (43-15B)	RW 43-15B	NESE	15	070S	230E	4304731682	5670	Federal	GW	TA
RWU 302 (22-24B)	RW 22-24B	SENW	24	070S	230E	4304731683	5670	Federal	GW	TA
RWU 303 (34-17B)	RW 34-17B	SWSE	17	070S	230E	4304731819	5670	Federal	OW	P
RED WASH 305 (41-4F)	RW 41-4F	C-NE	04	080S	240E	4304732538	5670	Federal	GW	TA

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Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RED WASH 306	RW 23-23C	NESW	23	070S	240E	4304732629	5670	Federal	GW	P
RWU 207	RW 14-17B	SWSW	17	070S	230E	4304732738	5670	Federal	OW	P
RED WASH UNIT 261	RW 23-17B	NESW	17	070S	230E	4304732739	5670	Federal	WI	A
RWU 268 (43-17B)	RW 43-17B	NESE	17	070S	230E	4304732980	5670	Federal	WI	A
RWU 267 (32-17B)	RW 32-17B	SWNE	17	070S	230E	4304732981	5670	Federal	OW	P
RWU 283 (43-18B)	RW 43-18B	NESE	18	070S	230E	4304732982	5670	Federal	WI	A
RWU 299 (32-18B)	RW 32-18B	SWNE	18	070S	230E	4304733018	5670	Federal	OW	P
RWU 42-20B	RW 42-20B	SENE	20	070S	230E	4304733490	5670	Federal	OW	P
RWU 22-20B	RW 22-20B	SENE	20	070S	230E	4304733491	5670	Federal	OW	S
RWU 24-19B	RW 24-19B	SESW	19	070S	230E	4304733492	5670	Federal	OW	P
RWU 13-19B	RW 13-19B	NWSW	19	070S	230E	4304733497	5670	Federal	WI	A
RWU 13-20B	RW 13-20B	NWSW	20	070S	230E	4304733498	5670	Federal	WI	A
RWU 33-19B	RW 33-19B	NWSE	19	070S	230E	4304733499	5670	Federal	WI	A
RWU 33-20B	RW 33-20B	NWSE	20	070S	230E	4304733500	5670	Federal	WI	A
RED WASH 22-21B	RW 22-21B	SENE	21	070S	230E	4304733522	5670	Federal	OW	S
RED WASH 24-20B	RW 24-20B	SESW	20	070S	230E	4304733523	5670	Federal	OW	P
RED WASH 44-19B	RW 44-19B	SESE	19	070S	230E	4304733524	5670	Federal	OW	P
RED WASH 44-20B	RW 44-20B	SESE	20	070S	230E	4304733525	5670	Federal	OW	P
RWU 11-19B	RW 11-19B	NWNW	19	070S	230E	4304733552	5670	Federal	WI	A
RWU 11-20B	RW 11-20B	NWNW	20	070S	230E	4304733553	5670	Federal	WI	A
RWU 24-18B	RW 24-18B	SESW	18	070S	230E	4304733554	5670	Federal	OW	P
RWU 31-19B	RW 31-19B	NWNE	19	070S	230E	4304733555	5670	Federal	WI	A
RWU 42-19B	RW 42-19B	SENE	19	070S	230E	4304733556	5670	Federal	OW	P
RWU 22-19B	RW 22-19B	SENE	19	070S	230E	4304733559	5670	Federal	OW	P
RWU 23-24A	RW 23-24A	NESW	24	070S	220E	4304733567	5670	Federal	OW	P
RWU 34-24A	RW 34-24A	SWSE	24	070S	220E	4304733568	5670	Federal	WI	A
RWU 42-24A	RW 42-24A	SENE	24	070S	220E	4304733569	5670	Federal	OW	S
RWU 11-25A	RW 11-25A	NWNW	25	070S	220E	4304733574	5670	Federal	WI	A
RWU 13-25A	RW 13-25A	NWSW	25	070S	220E	4304733575	5670	Federal	WI	A
RWU 21-25A	RW 21-25A	NENW	25	070S	220E	4304733576	5670	Federal	OW	P
RWU 31-25A	RW 31-25A	NWNE	25	070S	220E	4304733577	5670	Federal	WI	A
RWU 33-25A	RW 33-25A	NWSE	25	070S	220E	4304733578	5670	Federal	WI	A
RW 41-25AX	RW 41-25A	NENE	25	070S	220E	4304733579	5670	Federal	OW	P
RWU 42-25A	RWU 42-25A	SENE	25	070S	220E	4304733580	5670	Federal	OW	TA
RWU 11-29B	RW 11-29B	NWNW	29	070S	230E	4304733590	5670	Federal	WI	A
RWU 12-24A	RW 12-24A	SWNW	24	070S	220E	4304733591	5670	Federal	WI	A
RWU 21-24A	RW 21-24A	NENW	24	070S	220E	4304733592	5670	Federal	OW	P
RWU 34-13A	RW 34-13A	SWSE	13	070S	220E	4304733593	5670	Federal	WI	A
RWU 44-18B	RW 44-18B	SESE	18	070S	230E	4304733594	5670	Federal	OW	P
RW 22-13A	RW 22-13A	SENE	13	070S	220E	4304733765	13296	Federal	OW	S
RWU 22-29B	RW 22-29B	SENE	29	070S	230E	4304733766	5670	Federal	OW	S

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Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 41-24A	RW 41-24A	NENE	24	070S	220E	4304733769	5670	Federal	OW	P
RWU 42-30B	RW 42-30B	SENE	30	070S	230E	4304733771	5670	Federal	OW	P
RWU 44-30B	RWU 44-30B	SESE	30	070S	230E	4304733772	5670	Federal	OW	P
RWU 11-30B	RW 11-30B	NWNW	30	070S	230E	4304733785	5670	Federal	WI	A
RWU 22-25A	RW 22-25A	SENE	25	070S	220E	4304733786	5670	Federal	OW	P
RWU 31-30B	RW 31-30B	NWNE	30	070S	230E	4304733788	5670	Federal	WI	A
RWU 33-30B	RW 33-30B	NWSE	30	070S	230E	4304733790	5670	Federal	WI	A
RED WASH U 34-27C	RW 34-27C	SWSE	27	070S	240E	4304735045	5670	Federal	GW	P
RWU 34-22C	RW 34-22C	SWSE	22	070S	240E	4304735098	5670	Federal	GW	P
RW 12G-20C	RW 12G-20C	SWNW	20	070S	240E	4304735239	14011	Federal	GW	S
RW 43G-08F	RW 43G-08F	NESE	08	080S	240E	4304735655		Federal	GW	APD
RW 22G-09F	RW 22G-09F	SENE	09	080S	240E	4304735656	15636	Federal	GW	OPS
RWU 34-23AG	RW 34-23AG	SWSE	23	070S	220E	4304735668	5670	Federal	OW	P
RWU 34-27AG	RWU 34-27AD	SWSE	27	070S	220E	4304735669	5670	Federal	OW	DRL
RWU 32-27AG	RWU 32-27AG	SWNE	27	070S	220E	4304735670	5670	Federal	OW	S
RW 14-34AMU	RW 14-34AMU	SWSW	34	070S	220E	4304735671	14277	Federal	GW	P
RW 12-08FG	RW 12-08FG	SWNW	08	080S	240E	4304736348		Federal	GW	APD
RW 44-08FG	RW 44-08FG	SESE	08	080S	240E	4304736349	15261	Federal	GW	P
RW 12-17FG	RW 12-17FG	SWNW	17	080S	240E	4304736350		Federal	GW	APD
RW 34-34 AMU	RW 34-34 AD	SWSE	34	070S	220E	4304736351		Federal	GW	APD
RW 44-35 AMU	RW 44-35 AMU	SESE	35	070S	220E	4304736352		Federal	GW	APD
RW 14-35 AMU	RW 14-35 AMU	SWSW	35	070S	220E	4304736354		Federal	GW	APD
RW 33-31 BMU	RW 33-31 BD	NWSE	31	070S	230E	4304736357		Federal	GW	APD
RW 13-31 BMU	RW 13-31 BD	NWSW	31	070S	230E	4304736358		Federal	GW	APD
RW 32-15FG	RW 32-15FG	SWNE	15	080S	240E	4304736443		Federal	GW	APD
RW 21-26AG	RW 21-26AD	NENW	26	070S	220E	4304736768		Federal	OW	APD
RW 43-26AG	RW 43-26AG	NESE	26	070S	220E	4304736769		Federal	OW	APD
RW 43-23AG	RW 43-23AG	NESE	23	070S	220E	4304736770		Federal	OW	APD
RW 41-26AG	RW 41-26AG	NENE	26	070S	220E	4304736818		Federal	OW	APD
RW 04-25BG	RW 04-25B	NWSW	25	070S	230E	4304736982		Federal	OW	APD
RW 01-25BG	RW 01-25BG	NWNW	25	070S	230E	4304736983		Federal	OW	APD
RW 04-26BG	RW 04-26BG	SESW	26	070S	230E	4304736984		Federal	OW	APD
RW 01-26BG	RW 01-26BG	SWNW	26	070S	230E	4304736985		Federal	OW	APD
RW 01-35BG	RW 01-35BG	SWNW	35	070S	230E	4304736986		Federal	OW	APD

## RED WASH UNIT

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 51 (12-16B)	RW 12-16B	SWNW	16	070S	230E	4304715177	5670	State	OW	P
RWU ST 189 (41-16B)	RW 41-16B	NENE	16	070S	230E	4304715292	5670	State	OW	S
RED WASH UNIT 259	RW 14-16B	SWSW	16	070S	230E	4304732785	5670	State	OW	P
RED WASH UNIT 260	RW 34-16B	SWSE	16	070S	230E	4304732786	5670	State	OW	P
RWU 324 (23-16B)	RW 23-16B	SESW	16	070S	230E	4304733084	5670	State	WI	OPS
RWU 21W-36A	RWU 21W-36A	NENW	36	070S	220E	4304733730		State	GW	LA
RWU 21G-36A	RWU 21G-36A	NENW	36	070S	220E	4304733731		State	OW	LA
RWU 41-36A	RWU 41-36A	NENE	36	070S	220E	4304733732		State	OW	LA
RWU 43-16B	RWU 43-16B	NESE	16	070S	230E	4304733733		State	OW	LA
RWU 21-16B	RWU 21-16B	NENW	16	070S	230E	4304733734		State	OW	LA
RWU 11-36A	RWU 11-36A	NWNW	36	070S	220E	4304733736		State	OW	LA
RWU 13-36A	RWU 13-36A	NWSW	36	070S	220E	4304733737		State	OW	LA
RW 32G-16C	RW 32G-16C	SWNE	16	070S	240E	4304735238	5670	State	GW	P
RW 14-36AMU	RW 14-36AMU	SWSW	36	070S	220E	4304736721		State	GW	APD
RW 01-36BG	RW 01-36BG	NWNW	36	070S	230E	4304736887	5670	State	OW	S
RW 24-16BG	RW 24-16BG	SESW	16	070S	230E	4304737746	5670	State	OW	DRL
RW 12-32BG	RW 12-32BG	SWNW	32	070S	230E	4304737946	15841	State	GW	DRL

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 CITY Denver STATE CO ZIP 80265		7. UNIT or CA AGREEMENT NAME: see attached
PHONE NUMBER: (303) 308-3068		8. WELL NAME and NUMBER: see attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: attached		9. API NUMBER: attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT: COUNTY: Uintah STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 1/1/2007	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Operator Name Change
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective January 1, 2007 operator of record, QEP Uinta Basin, Inc., will hereafter be known as QUESTAR EXPLORATION AND PRODUCTION COMPANY. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024)

Utah State Bond Number: 965003033

Fee Land Bond Number: 965003033

Current operator of record, QEP UINTA BASIN, INC., hereby resigns as operator of the properties as described on the attached list.

Jay B. Neese, Executive Vice President, QEP Uinta Basin, Inc.

Successor operator of record, QUESTAR EXPLORATION AND PRODUCTION COMPANY, hereby assumes all rights, duties and obligations as operator of the properties as described on the attached list

Jay B. Neese, Executive Vice President  
Questar Exploration and Production Company

NAME (PLEASE PRINT) Debra K. Stanberry TITLE Supervisor, Regulatory Affairs  
SIGNATURE DATE 3/16/2007

(This space for State use only)

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APR 19 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL  
OIL WELL ☐ GAS WELL ☐ OTHER \_\_\_\_\_

2. NAME OF OPERATOR  
QUESTAR EXPLORATION AND PRODUCTION COMPANY

3. ADDRESS OF OPERATOR  
1050 17th Street Suite 500 City Denver STATE CO ZIP 80265  
PHONE NUMBER: (303) 308-3068

4. LOCATION OF WELL

FOOTAGES AT SURFACE: attached

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:  
see attached

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  
see attached

7. UNIT or CA AGREEMENT NAME:  
see attached

8. WELL NAME and NUMBER:  
see attached

9. API NUMBER:  
attached

10. FIELD AND POOL, OR WILDCAT:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 1/1/2007	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Well Name Changes
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PER THE ATTACHED LIST OF WELLS, QUESTAR EXPLORATION AND PRODUCTION COMPANY REQUESTS THAT THE INDIVIDUAL WELL NAMES BE UPDATED IN YOUR RECORDS.

NAME (PLEASE PRINT) Debra K. Stanberry

TITLE Supervisor, Regulatory Affairs

SIGNATURE

DATE 4/17/2007

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APR 19 2007

DIV. OF OIL, GAS & MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



IN REPLY REFER TO  
3180  
UT-922

April 23, 2007

Questar Exploration and Production Company  
1050 17th Street, Suite 500  
Denver, Colorado 80265

Re: Red Wash Unit  
Uintah County, Utah

Gentlemen:

On April 12, 2007, we received an indenture dated April 6, 2007, whereby QEP Uinta Basin, Inc. resigned as Unit Operator and Questar Exploration and Production Company was designated as Successor Unit Operator for the Red Wash Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective April 23, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Red Wash Unit Agreement.

Your nationwide oil and gas bond No. ESB000024 will be used to cover all federal operations within the Red Wash Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble  
Acting Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
File - Red Wash Unit (w/enclosure)  
Agr. Sec. Chron  
Reading File  
Central Files

UT922:TAThompson:tt:4/23/07

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APR 30 2007

DIV. OF OIL, GAS & MINING

# MECHANICAL INTEGRITY TEST CASING OR ANNULUS PRESSURE TEST

U.S. ENVIRONMENTAL PROTECTION AGENCY  
UNDERGROUND INJECTION CONTROL PROGRAM, UIC IMPLEMENTATION SECTION (8P-W-GW)  
999 18TH STREET, SUITE 300, DENVER, CO. 80202-2466

EPA WITNESS: NO DATE: 8/3/2007 TIME: 8:45 ☒ AM ☐ PM

TEST CONDUCTED BY: Dennis J. Paulson (Questar)

OTHERS PRESENT: (ADVANTAGE OILFIELD SERVICE) KEVIN CARTER

API NUMBER: 43-047-16497 EPA ID NUMBER: UT2000-02440

WELL NAME: <u>RW 14-21B</u>	TYPE: <input checked="" type="checkbox"/> ER <input type="checkbox"/> SWD	STATUS: <input checked="" type="checkbox"/> AC <input type="checkbox"/> TA <input type="checkbox"/> UC
FIELD: <u>RED WASH</u>		
WELL LOCATION: <u>SWSW S21-T7S-R23E</u> <input type="checkbox"/> N <input type="checkbox"/> S	<input type="checkbox"/> E <input type="checkbox"/> W	COUNTY: <u>UINTAH</u> STATE: <u>UTAH</u>
OPERATOR: <u>QEP UINTA BASIN INC.</u>		
LAST MIT: <u>6-Aug-02</u>	MAXIMUM ALLOWABLE PRESSURE: <u>2034</u>	PSIG

IS THIS A REGULAR SCHEDULED TEST? ☒ YES ☐ NO

INITIAL TEST FOR PERMIT? ☐ YES ☒ NO

TEST AFTER WELL WORK? ☐ YES ☒ NO

WELL INJECTING DURING TEST? ☒ YES ☐ NO IF YES, RATE: 337 BPD

PRE-TEST CASING/TUBING ANNULUS PRESSURE: 0 PSIG

MIT DATA TABLE	TEST #1	TEST #2	TEST #3
TUBING	PRESSURE		
INITIAL PRESSURE	<u>1959.5</u> PSIG	PSIG	PSIG
END OF TEST PRESSURE	<u>1958.3</u> PSIG	PSIG	PSIG

CASING/TUBING	ANNULUS	TUBING
0 MINUTES	<u>1123.9 @8:56:29</u> PSIG	<u>1960.1</u> PSIG
5 MINUTES	<u>1121.6 @9:01:26</u> PSIG	<u>1958.6</u> PSIG
10 MINUTES	<u>1120.2 @9:06:23</u> PSIG	<u>1961.7</u> PSIG
15 MINUTES	<u>1119.3 @9:11:20</u> PSIG	<u>1948.8</u> PSIG
20 MINUTES	<u>1118.8 @9:16:26</u> PSIG	<u>1961.8</u> PSIG
25 MINUTES	<u>1118.2 @9:21:32</u> PSIG	<u>1961.8</u> PSIG
30 MINUTES	<u>1117.8 @9:26:38</u> PSIG	<u>1952.9</u> PSIG
MINUTES	PSIG	PSIG
MINUTES	PSIG	PSIG
RESULT	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL	<input type="checkbox"/> PASS <input type="checkbox"/> FAIL

DOES THE ANNULUS PRESSURE BUILD BACK UP AFTER THE TEST? ☐ YES ☒ NO

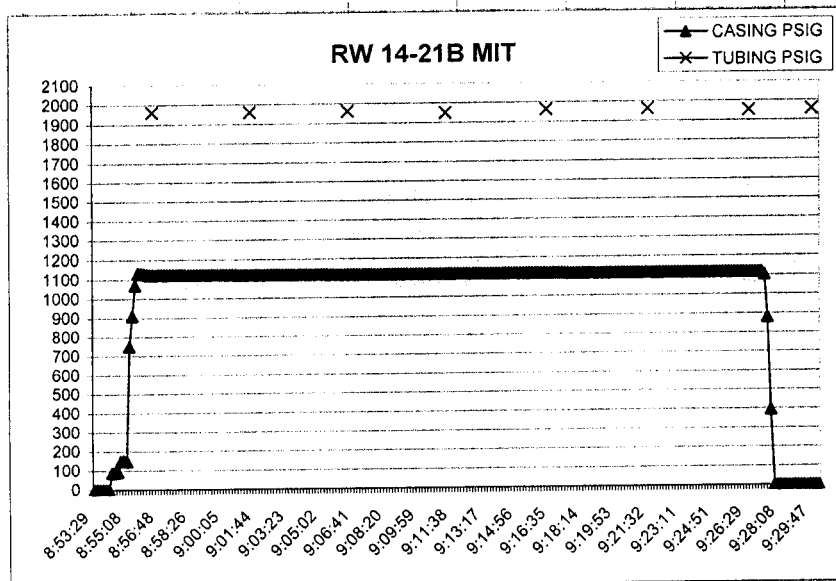
5000	PSIG	24904-2	26	OCT	2006	CASING	TUBING	AMBIENT
DATE	MONTH	YEAR	TIME	FILE	SAMPLE	PSIG	PSIG	TEMP.
3 AUG	2007	8:53:29	2	1	0			75
3 AUG	2007	8:53:38	2	2	0			75
3 AUG	2007	8:53:47	2	3	0			75
3 AUG	2007	8:53:56	2	4	0			75
3 AUG	2007	8:54:05	2	5	0			75
3 AUG	2007	8:54:14	2	6	0			75
3 AUG	2007	8:54:23	2	7	88.57			75
3 AUG	2007	8:54:32	2	8	91.61			75
3 AUG	2007	8:54:41	2	9	93.02			75
3 AUG	2007	8:54:50	2	10	148.66			75
3 AUG	2007	8:54:59	2	11	152.11			75
3 AUG	2007	8:55:08	2	12	148.68			75
3 AUG	2007	8:55:17	2	13	750.3			75
3 AUG	2007	8:55:26	2	14	911.4			75
3 AUG	2007	8:55:35	2	15	1070.6			75
3 AUG	2007	8:55:44	2	16	1133.4			75
3 AUG	2007	8:55:53	2	17	1131.7			75
3 AUG	2007	8:56:02	2	18	1129.9			75
3 AUG	2007	8:56:11	2	19	1127.2			75
3 AUG	2007	8:56:20	2	20	1125.2			75
3 AUG	2007	8:56:29	2	21	1123.9		1960.1	77
3 AUG	2007	8:56:39	2	22	1124.5			77
3 AUG	2007	8:56:48	2	23	1125.6			77
3 AUG	2007	8:56:56	2	24	1125.2			77
3 AUG	2007	8:57:05	2	25	1125.2			77
3 AUG	2007	8:57:14	2	26	1124.7			77
3 AUG	2007	8:57:23	2	27	1124.4			77
3 AUG	2007	8:57:32	2	28	1124.1			77
3 AUG	2007	8:57:41	2	29	1123.9			77
3 AUG	2007	8:57:50	2	30	1123.9			77
3 AUG	2007	8:57:59	2	31	1123.8			77
3 AUG	2007	8:58:08	2	32	1123.8			77
3 AUG	2007	8:58:17	2	33	1123.6			77
3 AUG	2007	8:58:26	2	34	1123.4			77
3 AUG	2007	8:58:35	2	35	1123.3			77
3 AUG	2007	8:58:44	2	36	1123.2			77
3 AUG	2007	8:58:53	2	37	1123.1			77
3 AUG	2007	8:59:02	2	38	1123			77
3 AUG	2007	8:59:11	2	39	1122.9			77
3 AUG	2007	8:59:20	2	40	1122.8			77
3 AUG	2007	8:59:29	2	41	1122.7			77
3 AUG	2007	8:59:38	2	42	1122.6			77
3 AUG	2007	8:59:47	2	43	1122.6			77
3 AUG	2007	8:59:56	2	44	1122.4			77
3 AUG	2007	9:00:05	2	45	1122.4			77
3 AUG	2007	9:00:14	2	46	1122.3			77
3 AUG	2007	9:00:23	2	47	1122.2			77
3 AUG	2007	9:00:32	2	48	1122.1			77
3 AUG	2007	9:00:42	2	49	1122.1			77
3 AUG	2007	9:00:51	2	50	1122			77
3 AUG	2007	9:00:59	2	51	1121.9			77
3 AUG	2007	9:01:08	2	52	1121.8			77
3 AUG	2007	9:01:17	2	53	1121.7			77
3 AUG	2007	9:01:26	2	54	1121.6		1958.6	77
3 AUG	2007	9:01:35	2	55	1121.6			77
3 AUG	2007	9:01:44	2	56	1121.6			77
3 AUG	2007	9:01:53	2	57	1121.5			77
3 AUG	2007	9:02:02	2	58	1121.5			77
3 AUG	2007	9:02:11	2	59	1121.4			77
3 AUG	2007	9:02:20	2	60	1121.3			77
3 AUG	2007	9:02:29	2	61	1121.3			77
3 AUG	2007	9:02:38	2	62	1121.2			77

3 AUG	2007	9:02:47	2	63	1121.1		77
3 AUG	2007	9:02:56	2	64	1121.1		77
3 AUG	2007	9:03:05	2	65	1121.1		77
3 AUG	2007	9:03:14	2	66	1121		77
3 AUG	2007	9:03:23	2	67	1121		77
3 AUG	2007	9:03:32	2	68	1120.9		77
3 AUG	2007	9:03:41	2	69	1120.8		77
3 AUG	2007	9:03:50	2	70	1120.8		77
3 AUG	2007	9:03:59	2	71	1120.8		77
3 AUG	2007	9:04:08	2	72	1120.7		77
3 AUG	2007	9:04:17	2	73	1120.6		77
3 AUG	2007	9:04:26	2	74	1120.6		77
3 AUG	2007	9:04:35	2	75	1120.6		77
3 AUG	2007	9:04:45	2	76	1120.5		77
3 AUG	2007	9:04:54	2	77	1120.5		77
3 AUG	2007	9:05:02	2	78	1120.5		77
3 AUG	2007	9:05:11	2	79	1120.4		77
3 AUG	2007	9:05:20	2	80	1120.4		77
3 AUG	2007	9:05:29	2	81	1120.3		77
3 AUG	2007	9:05:38	2	82	1120.3		77
3 AUG	2007	9:05:47	2	83	1120.2		77
3 AUG	2007	9:05:56	2	84	1120.2		77
3 AUG	2007	9:06:05	2	85	1120.2		77
3 AUG	2007	9:06:14	2	86	1120.2		77
3 AUG	2007	9:06:23	2	87	1120.2	1961.7	77
3 AUG	2007	9:06:32	2	88	1120.1		77
3 AUG	2007	9:06:41	2	89	1120.1		77
3 AUG	2007	9:06:50	2	90	1120.1		77
3 AUG	2007	9:06:59	2	91	1120.1		77
3 AUG	2007	9:07:08	2	92	1120		77
3 AUG	2007	9:07:17	2	93	1120		77
3 AUG	2007	9:07:26	2	94	1119.9		77
3 AUG	2007	9:07:35	2	95	1119.9		77
3 AUG	2007	9:07:44	2	96	1119.9		77
3 AUG	2007	9:07:53	2	97	1119.9		77
3 AUG	2007	9:08:02	2	98	1119.8		77
3 AUG	2007	9:08:11	2	99	1119.8		77
3 AUG	2007	9:08:20	2	100	1119.9		77
3 AUG	2007	9:08:29	2	101	1119.8		77
3 AUG	2007	9:08:39	2	102	1119.8		77
3 AUG	2007	9:08:48	2	103	1119.7		77
3 AUG	2007	9:08:56	2	104	1119.7		77
3 AUG	2007	9:09:05	2	105	1119.7		77
3 AUG	2007	9:09:14	2	106	1119.7		77
3 AUG	2007	9:09:23	2	107	1119.6		77
3 AUG	2007	9:09:32	2	108	1119.6		77
3 AUG	2007	9:09:41	2	109	1119.6		77
3 AUG	2007	9:09:50	2	110	1119.6		77
3 AUG	2007	9:09:59	2	111	1119.5		77
3 AUG	2007	9:10:08	2	112	1119.6		77
3 AUG	2007	9:10:17	2	113	1119.5		77
3 AUG	2007	9:10:26	2	114	1119.5		77
3 AUG	2007	9:10:35	2	115	1119.5		77
3 AUG	2007	9:10:44	2	116	1119.4		77
3 AUG	2007	9:10:53	2	117	1119.4		77
3 AUG	2007	9:11:02	2	118	1119.4		77
3 AUG	2007	9:11:11	2	119	1119.4		77
3 AUG	2007	9:11:20	2	120	1119.3	1948.8	77
3 AUG	2007	9:11:29	2	121	1119.3		77
3 AUG	2007	9:11:38	2	122	1119.3		77
3 AUG	2007	9:11:47	2	123	1119.3		77
3 AUG	2007	9:11:56	2	124	1119.2		77
3 AUG	2007	9:12:05	2	125	1119.2		77
3 AUG	2007	9:12:14	2	126	1119.2		77
3 AUG	2007	9:12:23	2	127	1119.5		75

3 AUG	2007	9:12:32	2	128	1119.4		75
3 AUG	2007	9:12:42	2	129	1119.4		75
3 AUG	2007	9:12:51	2	130	1119.4		75
3 AUG	2007	9:12:59	2	131	1119.4		75
3 AUG	2007	9:13:08	2	132	1119.3		75
3 AUG	2007	9:13:17	2	133	1119.3		75
3 AUG	2007	9:13:26	2	134	1119.3		75
3 AUG	2007	9:13:35	2	135	1119.2		75
3 AUG	2007	9:13:44	2	136	1119.3		75
3 AUG	2007	9:13:53	2	137	1119.3		75
3 AUG	2007	9:14:02	2	138	1119.2		75
3 AUG	2007	9:14:11	2	139	1118.9		77
3 AUG	2007	9:14:20	2	140	1119		77
3 AUG	2007	9:14:29	2	141	1119		77
3 AUG	2007	9:14:38	2	142	1118.9		77
3 AUG	2007	9:14:47	2	143	1118.9		77
3 AUG	2007	9:14:56	2	144	1118.9		77
3 AUG	2007	9:15:05	2	145	1118.9		77
3 AUG	2007	9:15:14	2	146	1118.9		77
3 AUG	2007	9:15:23	2	147	1118.9		77
3 AUG	2007	9:15:32	2	148	1118.9		77
3 AUG	2007	9:15:41	2	149	1118.8		77
3 AUG	2007	9:15:50	2	150	1118.9		77
3 AUG	2007	9:15:59	2	151	1118.9		77
3 AUG	2007	9:16:08	2	152	1118.9		77
3 AUG	2007	9:16:17	2	153	1118.8		77
3 AUG	2007	9:16:26	2	154	1118.8	1961.8	77
3 AUG	2007	9:16:35	2	155	1118.8		77
3 AUG	2007	9:16:45	2	156	1118.8		77
3 AUG	2007	9:16:54	2	157	1118.8		77
3 AUG	2007	9:17:02	2	158	1118.8		77
3 AUG	2007	9:17:11	2	159	1118.8		77
3 AUG	2007	9:17:20	2	160	1118.8		77
3 AUG	2007	9:17:29	2	161	1118.8		77
3 AUG	2007	9:17:38	2	162	1118.6		79
3 AUG	2007	9:17:47	2	163	1118.5		79
3 AUG	2007	9:17:56	2	164	1118.5		79
3 AUG	2007	9:18:05	2	165	1118.5		79
3 AUG	2007	9:18:14	2	166	1118.5		79
3 AUG	2007	9:18:23	2	167	1118.4		79
3 AUG	2007	9:18:32	2	168	1118.5		79
3 AUG	2007	9:18:41	2	169	1118.5		79
3 AUG	2007	9:18:50	2	170	1118.5		79
3 AUG	2007	9:18:59	2	171	1118.5		79
3 AUG	2007	9:19:08	2	172	1118.4		79
3 AUG	2007	9:19:17	2	173	1118.4		79
3 AUG	2007	9:19:26	2	174	1118.4		79
3 AUG	2007	9:19:35	2	175	1118.5		79
3 AUG	2007	9:19:44	2	176	1118.4		79
3 AUG	2007	9:19:53	2	177	1118.4		79
3 AUG	2007	9:20:02	2	178	1118.4		79
3 AUG	2007	9:20:11	2	179	1118.5		79
3 AUG	2007	9:20:20	2	180	1118.4		79
3 AUG	2007	9:20:29	2	181	1118.4		79
3 AUG	2007	9:20:39	2	182	1118.2		81
3 AUG	2007	9:20:48	2	183	1118.2		81
3 AUG	2007	9:20:56	2	184	1118.2		81
3 AUG	2007	9:21:05	2	185	1118.2		81
3 AUG	2007	9:21:14	2	186	1118.1		81
3 AUG	2007	9:21:23	2	187	1118.1		81
3 AUG	2007	9:21:32	2	188	1118.2	1961.8	81
3 AUG	2007	9:21:41	2	189	1118.2		81
3 AUG	2007	9:21:50	2	190	1118.2		81
3 AUG	2007	9:21:59	2	191	1118.1		81
3 AUG	2007	9:22:08	2	192	1118.1		81

3 AUG	2007	9:22:17	2	193	1118.1	81
3 AUG	2007	9:22:26	2	194	1118.1	81
3 AUG	2007	9:22:35	2	195	1118.1	81
3 AUG	2007	9:22:44	2	196	1118.1	81
3 AUG	2007	9:22:53	2	197	1118.1	81
3 AUG	2007	9:23:02	2	198	1118.1	81
3 AUG	2007	9:23:11	2	199	1118.1	81
3 AUG	2007	9:23:20	2	200	1118.1	81
3 AUG	2007	9:23:29	2	201	1118.1	81
3 AUG	2007	9:23:38	2	202	1118.1	81
3 AUG	2007	9:23:47	2	203	1118.1	81
3 AUG	2007	9:23:56	2	204	1118	81
3 AUG	2007	9:24:05	2	205	1118	81

3 AUG	2007	9:24:14	2	206	1118		81
3 AUG	2007	9:24:23	2	207	1118		81
3 AUG	2007	9:24:32	2	208	1118.1		81
3 AUG	2007	9:24:42	2	209	1118		81
3 AUG	2007	9:24:51	2	210	1118		81
3 AUG	2007	9:24:59	2	211	1118		81
3 AUG	2007	9:25:08	2	212	1118		81
3 AUG	2007	9:25:17	2	213	1118		81
3 AUG	2007	9:25:26	2	214	1118		81
3 AUG	2007	9:25:35	2	215	1118		81
3 AUG	2007	9:25:44	2	216	1117.8		82
3 AUG	2007	9:25:53	2	217	1117.8		82
3 AUG	2007	9:26:02	2	218	1117.8		82
3 AUG	2007	9:26:11	2	219	1117.8		82
3 AUG	2007	9:26:20	2	220	1117.8		82
3 AUG	2007	9:26:29	2	221	1117.8		82
3 AUG	2007	9:26:38	2	222	1117.8	1952.9	82
3 AUG	2007	9:26:47	2	223	1117.8		82
3 AUG	2007	9:26:56	2	224	1117.7		82
3 AUG	2007	9:27:05	2	225	1117.7		82
3 AUG	2007	9:27:14	2	226	1117.8		82
3 AUG	2007	9:27:23	2	227	1102.5		82
3 AUG	2007	9:27:32	2	228	880.3		82
3 AUG	2007	9:27:41	2	229	396.26		82
3 AUG	2007	9:27:50	2	230	0		82
3 AUG	2007	9:27:59	2	231	0		82
3 AUG	2007	9:28:08	2	232	0		82
3 AUG	2007	9:28:17	2	233	0		82
3 AUG	2007	9:28:26	2	234	0		82
3 AUG	2007	9:28:35	2	235	0		82
3 AUG	2007	9:28:45	2	236	0		84
3 AUG	2007	9:28:54	2	237	0		84
3 AUG	2007	9:29:02	2	238	0		84
3 AUG	2007	9:29:11	2	239	0		84
3 AUG	2007	9:29:20	2	240	0		84
3 AUG	2007	9:29:29	2	241	0		84
3 AUG	2007	9:29:38	2	242	0		84
3 AUG	2007	9:29:47	2	243	0	1958.3	84
3 AUG	2007	9:29:56	2	244	0		84
3 AUG	2007	9:30:05	2	245	0		84





A. M. Petrik  
Phone: 435-781-4092  
Fax: 435-781-4066  
Email: ann.petrik@questar.com

August 9, 2007

Via Certified Mail: 7006 2150 0002 4305 7961

Mr. Nathan Wiser (8ENF-UFO)  
U.S. Environmental Protection Agency, Region 8  
1595 Wynkoop Street  
Denver, Colorado 80202-1129


***RE: Mechanical Integrity Test (MIT)  
for  
RW 14-21B  
UIC #UT2000-02440  
API #43-047-16497  
Location: SWSW Section 21 T7S R23E***

Dear Mr. Wiser:

Enclosed for the subject well is the successful MIT result including the Casing or Annulus Pressure Test form and the pressure test chart. The MIT for this well is a regularly scheduled test.

If you have any questions or require additional information, I can be reached at 435-781-4092.

Sincerely,



Ann M. Petrik  
Office Administrator

Enclosures: MIT Casing or Annulus Pressure Test Form  
MIT Results Spreadsheet with Pressure Test Chart

cc: Utah Division of Oil Gas and Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

U.S. Department of the Interior  
Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, Utah 84078

**RECEIVED**

**AUG 14 2007**

**DIV. OF OIL, GAS & MINING**

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET** (for state use only)

ROUTING  
 CDW

Change of Operator (Well Sold)

**X - Operator Name Change**

The operator of the well(s) listed below has changed, effective:

**6/14/2010**

<b>FROM: (Old Operator):</b> N5085-Questar Exploration and Production Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 308-3048	<b>TO: ( New Operator):</b> N3700-QEP Energy Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 308-3048
--	---

CA No.

Unit:

RED WASH

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/28/2010
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/28/2010
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/24/2010
- Is the new operator registered in the State of Utah: Business Number: 764611-0143
- (R649-9-2) Waste Management Plan has been received on: Requested
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 8/16/2010 BIA not yet
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 8/16/2010
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/29/2010

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 6/30/2010
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/30/2010
- Bond information entered in RBDMS on: 6/30/2010
- Fee/State wells attached to bond in RBDMS on: 6/30/2010
- Injection Projects to new operator in RBDMS on: 6/30/2010
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 965010693
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965010695
- The **FORMER** operator has requested a release of liability from their bond on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>See attached</b>
2. NAME OF OPERATOR: <b>Questar Exploration and Production Company</b> <i>N5085</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>See attached</b>
3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500      City: <b>Denver</b> STATE: <b>CO</b> ZIP: <b>80265</b>		7. UNIT or CA AGREEMENT NAME: <b>See attached</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>See attached</b>		8. WELL NAME and NUMBER: <b>See attached</b>
PHONE NUMBER: <b>(303) 672-6900</b>		9. API NUMBER: <b>Attached</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT: <b>See attached</b>

COUNTY: **Attached**

STATE: **UTAH**

**11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> (Submit in Duplicate)  Approximate date work will start: <u>6/14/2010</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> (Submit Original Form Only)  Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Operator Name</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>Change</u>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 14, 2010 Questar Exploration and Production Company changed its name to QEP Energy Company. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024)

Utah State Bond Number: ~~965003033~~

Fee Land Bond Number: ~~965003033~~ } *965010695*

BIA Bond Number: ~~799446~~ *965010693*

The attached document is an all inclusive list of the wells operated by Questar Exploration and Production Company. As of June 14, 2010 QEP Energy Company assumes all rights, duties and obligations as operator of the properties as described on the list

NAME (PLEASE PRINT) Morgan Anderson

TITLE Regulatory Affairs Analyst

SIGNATURE

*Morgan Anderson*

DATE 6/23/2010

(This space for State use only)

**RECEIVED**

**JUN 28 2010**

DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)

**APPROVED** *6/30/2009*  
*Earlene Russell*  
 Division of Oil, Gas and Mining  
 Earlene Russell, Engineering Technician

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
RED WASH  
effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
RW 41-33B	33	070S	230E	4304720060	5670	Federal	WD	A	
RW 43-28A	28	070S	220E	4304730058	5670	Federal	WD	A	
RW 34-27B	27	070S	230E	4304715142	5670	Federal	WI	A	
RW 14-13B	13	070S	230E	4304715144	5670	Federal	WI	A	
RW 41-20B	20	070S	230E	4304715146	5670	Federal	WI	A	
RW 21-23B	23	070S	230E	4304715151	5670	Federal	WI	A	
RW 23-14B	14	070S	230E	4304715161	5670	Federal	WI	A	
RW 41-28B	28	070S	230E	4304715182	5670	Federal	WI	A	
RW 23-18B	18	070S	230E	4304715210	5670	Federal	WI	A	
RW 43-21A	21	070S	220E	4304715219	5670	Federal	WI	A	
RW 41-24A	24	070S	220E	4304715221	5670	Federal	WI	A	
RW 13-22B	22	070S	230E	4304715261	5670	Federal	WI	A	
RW 23-15B	15	070S	230E	4304715267	5670	Federal	WI	A	
RW 21-20B	20	070S	230E	4304715281	5670	Federal	WI	A	
RW 33-13B	13	070S	230E	4304715289	5670	Federal	WI	A	
RW 21-34A	34	070S	220E	4304715303	5670	Federal	WI	I	
RW 14-24B	24	070S	230E	4304716472	5670	Federal	WI	A	
RW 41-27B	27	070S	230E	4304716473	5670	Federal	WI	I	
RW 43-28B	28	070S	230E	4304716475	5670	Federal	WI	S	
RW 23-23B	23	070S	230E	4304716476	5670	Federal	WI	A	
RW 12-24B	24	070S	230E	4304716477	5670	Federal	WI	A	
RW 33-22B	22	070S	230E	4304716479	5670	Federal	WI	A	
RW 41-21B	21	070S	230E	4304716482	5670	Federal	WI	A	
RW 41-15B	15	070S	230E	4304716495	5670	Federal	WI	I	
RW 21-21B	21	070S	230E	4304716496	5670	Federal	WI	A	
RW 14-21B	21	070S	230E	4304716497	5670	Federal	WI	A	
RW 41-14B	14	070S	230E	4304716498	5670	Federal	WI	A	
RW 21-27A	27	070S	220E	4304730103	5670	Federal	WI	A	
RW 34-22A	22	070S	220E	4304730458	5670	Federal	WI	A	
RW 24-26B	26	070S	230E	4304730518	5670	Federal	WI	I	
RW 31-35B	35	070S	230E	4304730519	5670	Federal	WI	A	
RW 33-26B	26	070S	230E	4304730521	5670	Federal	WI	I	
RW 13-26B	26	070S	230E	4304730522	5670	Federal	WI	A	
RW 11-36B	36	070S	230E	4304731052	5670	Federal	WI	A	
RW 31-26B	26	070S	230E	4304731077	5670	Federal	WI	A	
RW 42-35B	35	070S	230E	4304731081	5670	Federal	WI	I	
RW 23-17B	17	070S	230E	4304732739	5670	Federal	WI	A	
RW 43-17B	17	070S	230E	4304732980	5670	Federal	WI	A	
RW 43-18B	18	070S	230E	4304732982	5670	Federal	WI	A	
RW 13-19B	19	070S	230E	4304733497	5670	Federal	WI	A	
RW 13-20B	20	070S	230E	4304733498	5670	Federal	WI	A	
RW 33-19B	19	070S	230E	4304733499	5670	Federal	WI	A	
RW 33-20B	20	070S	230E	4304733500	5670	Federal	WI	A	
RW 11-19B	19	070S	230E	4304733552	5670	Federal	WI	A	

Bonds: BLM = ESB000024

BIA = 956010693

State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
RED WASH  
effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
RW 11-20B	20	070S	230E	4304733553	5670	Federal	WI	A	
RW 31-19B	19	070S	230E	4304733555	5670	Federal	WI	A	
RW 34-24A	24	070S	220E	4304733568	5670	Federal	WI	A	
RW 11-25A	25	070S	220E	4304733574	5670	Federal	WI	A	
RW 13-25A	25	070S	220E	4304733575	5670	Federal	WI	A	
RW 31-25A	25	070S	220E	4304733577	5670	Federal	WI	A	
RW 33-25A	25	070S	220E	4304733578	5670	Federal	WI	TA	
RW 11-29B	29	070S	230E	4304733590	5670	Federal	WI	A	
RW 12-24A	24	070S	220E	4304733591	5670	Federal	WI	A	
RW 34-13A	13	070S	220E	4304733593	5670	Federal	WI	A	
RW 11-30B	30	070S	230E	4304733785	5670	Federal	WI	A	
RW 31-30B	30	070S	230E	4304733788	5670	Federal	WI	A	
RW 33-30B	30	070S	230E	4304733790	5670	Federal	WI	A	

Bonds: BLM = ESB000024  
BIA = 956010693  
State = 965010695



## United States Department of the Interior

### BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO:  
3100  
(UT-922)

JUL 28 2010

#### Memorandum

To: Vernal Field Office, Price Field Office, Moab Field Office  
From: Chief, Branch of Minerals *Roger L Bankert*  
Subject: Name Change Recognized

Attached is a copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the name change from the Eastern States Office. We have updated our records to reflect the name change in the attached list of leases.

The name change from **Questar Exploration and Production Company** into **QEP Energy Company** is effective June 8, 2010.

cc: MMS  
UDOGM

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AUG 16 2010

DIV OF OIL, GAS & MINERALS

## UIC FORM 5

Well Name and Number See Attached List	API Number Attached
Location of Well  Footage : Attached  County :	Field or Unit Name Attached
QQ, Section, Township, Range:  State : UTAH	Lease Designation and Number Attached

**CURRENT OPERATOR**

Date: 6/28/2010

Date: 6/28/2010

Date: 6/29/10  
By: D. [Signature]

EPA approved well

# DIV. OF OIL, GAS & MINING